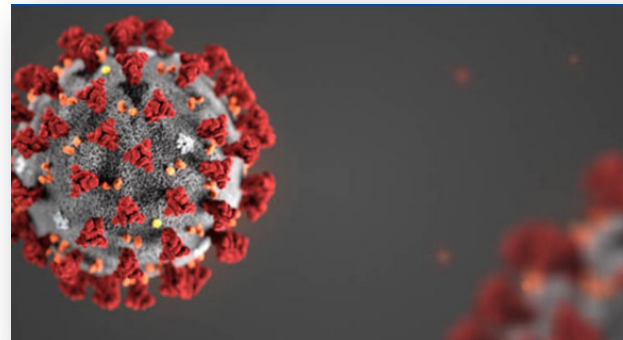




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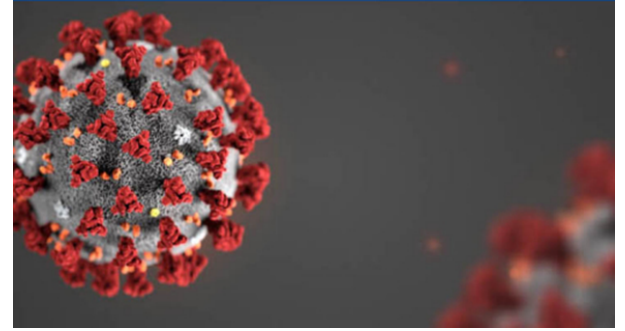
# **An Update for NYS Healthcare Providers on COVID-19**

**July 2, 2020**

**Elizabeth Dufort, MD, FAAP  
Medical Director, Division of Epidemiology  
New York State Department of Health**

# Agenda

- Global, National, New York State Updates
- Testing Updates
- Travel Advisory
- Community Mitigation and Reopening
- Treatment Updates
- MIS-C
- Vaccines
- Travel advisory in healthcare
- Healthcare Provider Wellness
- Resources
- Pre-planned Q & A: Chat box not feasible with level of attendance



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- **Recordings will be available immediately:** [NYSDOH COVID-19 Healthcare Provider website](#)
- In addition to YouTube, an on-demand version of our weekly sessions for healthcare providers in NYS is now available as a podcast – search NYSDOH

# Disclaimer

- The situation is rapidly evolving, as is our understanding of this new virus.
- All of the information presented is based on our best knowledge as of today.



# Situation Summary: COVID-19 Global, 7/1/2020

[www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports](https://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports)

Region	Confirmed Cases	Deaths
<b>Global</b>	<b>10,357,662</b>	<b>508,055</b>
Western Pacific	217,146	7,453
European	2,728,059	197,874
South-East Asia	808,906	22,253
Eastern Mediterranean	1,077,426	24,970
Africa	306,794	6,192
Americas	5,218,590	249,318

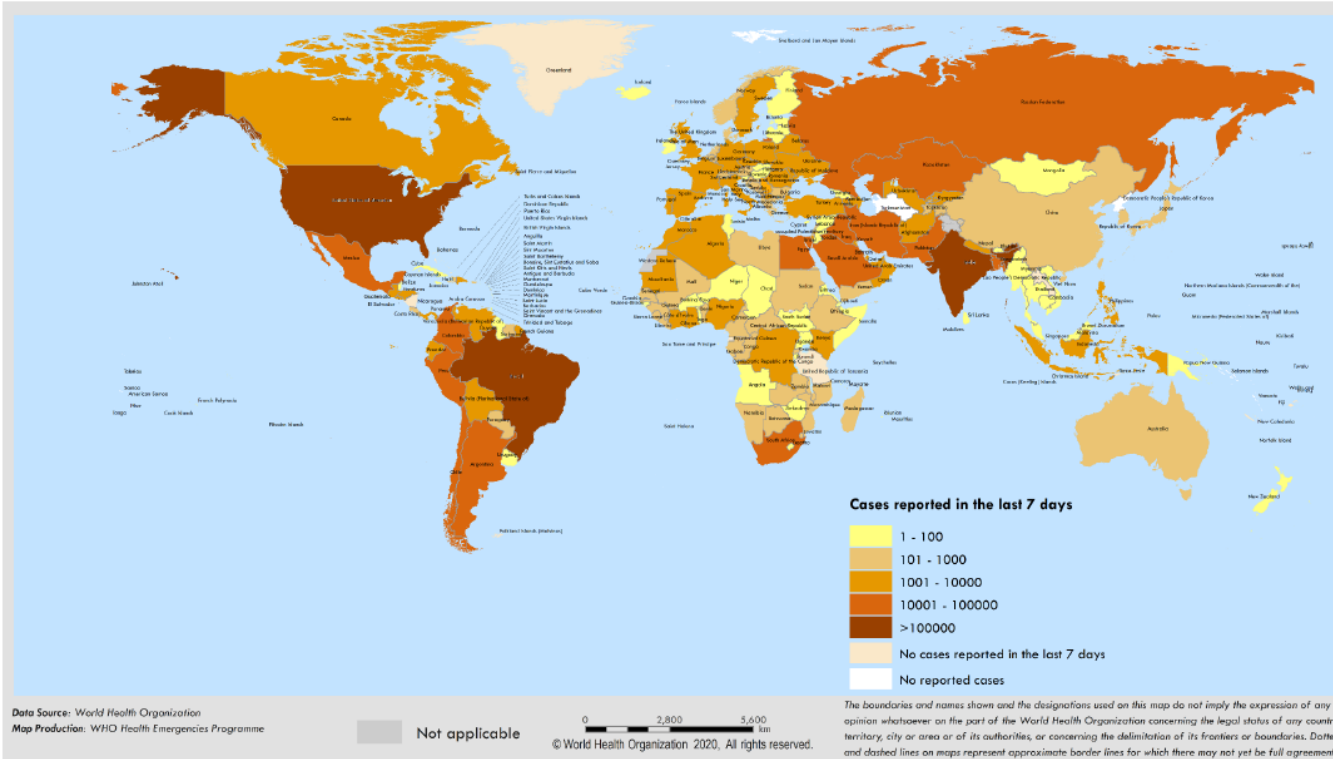


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# Situation Summary: COVID-19 Global, 7/1/2020

[www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports](http://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports)

Figure 1. Number of confirmed COVID-19 cases reported in the last seven days by country, territory or area, 25 June to 1 July \*\*

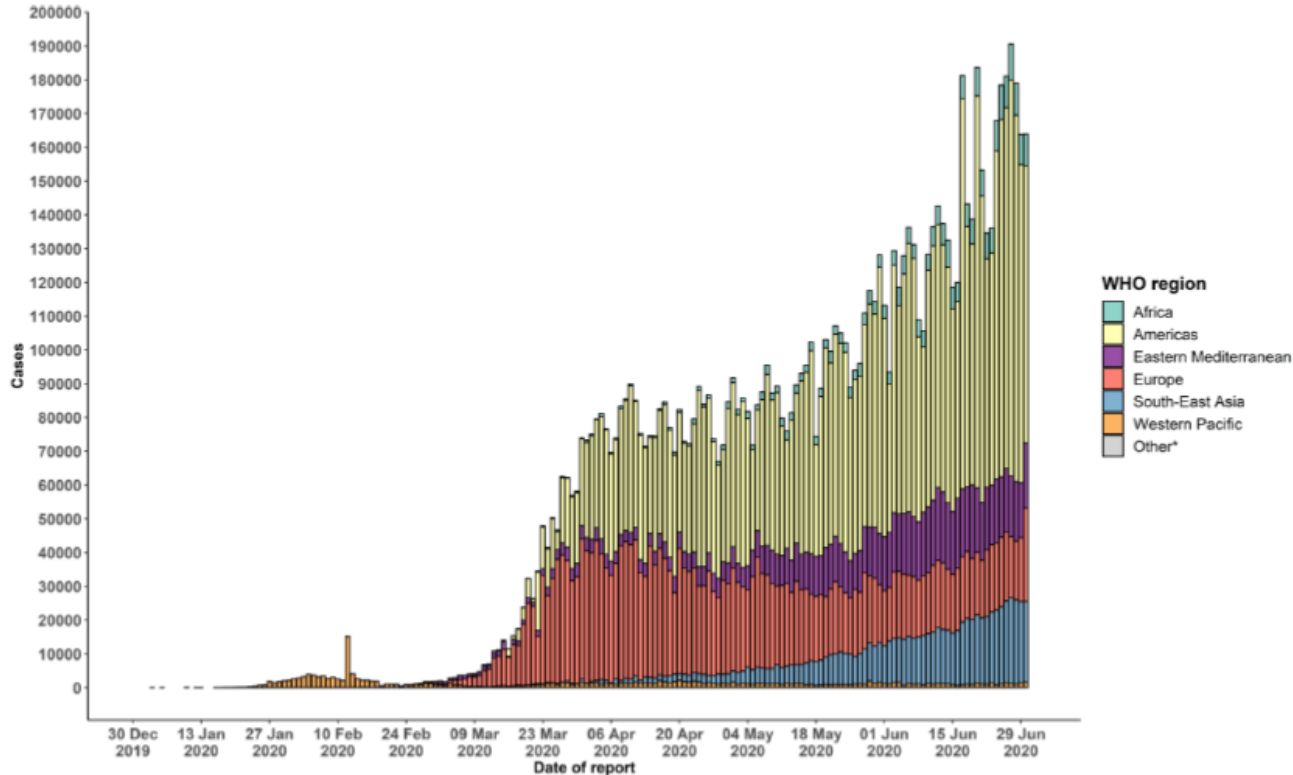


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# Situation Summary: COVID-19 Global, 7/1/2020

[www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports](http://www.who.int/emergencies/diseases/novel-coronavirus-2019/situation-reports)

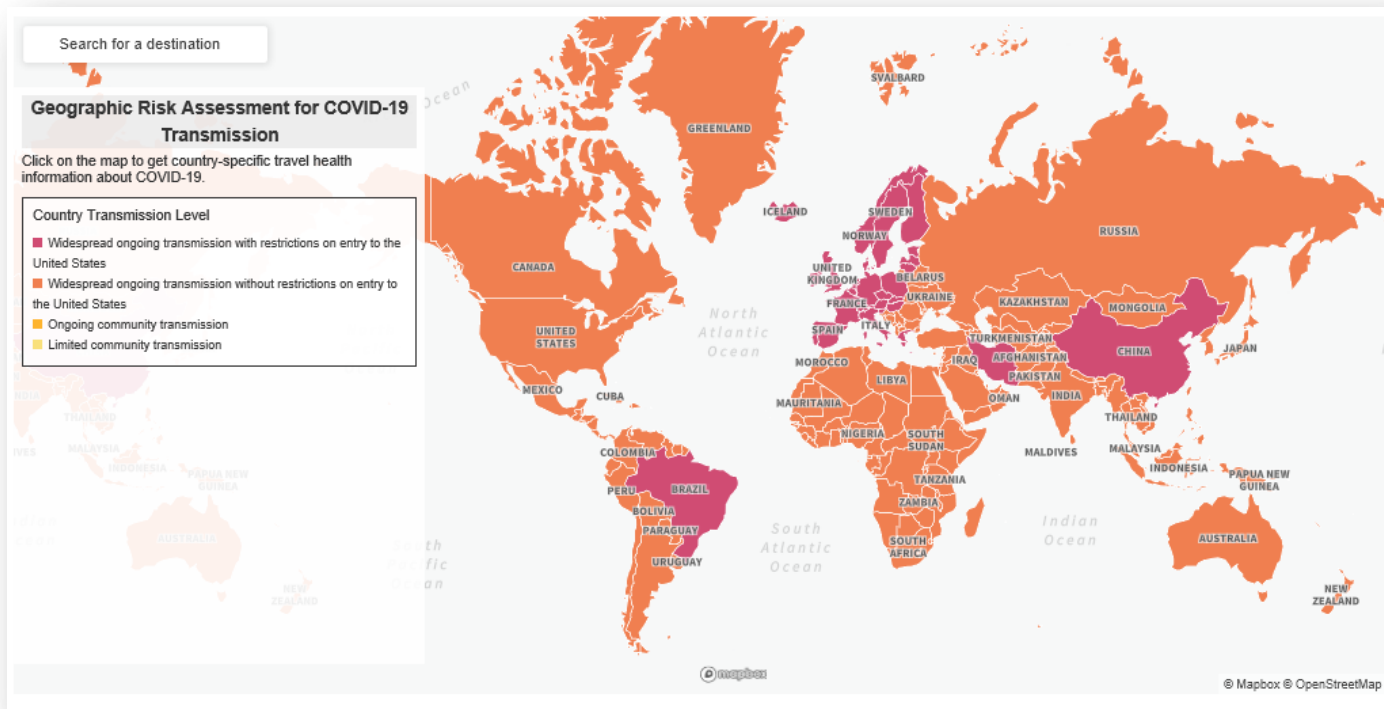
Figure 2. Number of confirmed COVID-19 cases, by date of report and WHO region, 30 December through 1 July\*\*



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# COVID-19 CDC Travel Recommendations by Country

<https://www.cdc.gov/coronavirus/2019-ncov/travelers/map-and-travel-notices.html>



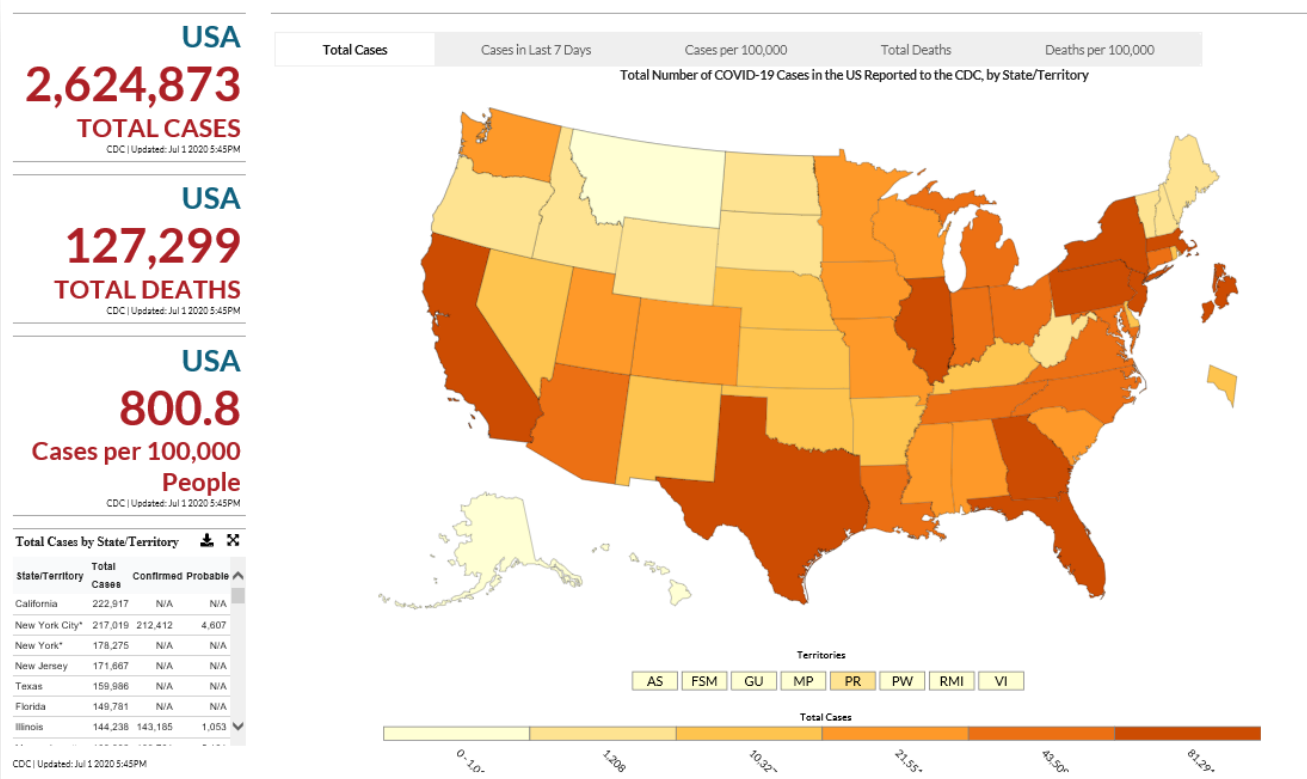
- **Level 3** Widespread transmission with US entry restrictions: Brazil, China, Iran, Most of Europe, UK and Ireland
- **Level 2** Widespread transmission without US entry restrictions: Global Pandemic



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# CDC COVID Data Tracker (July 1, 2020)

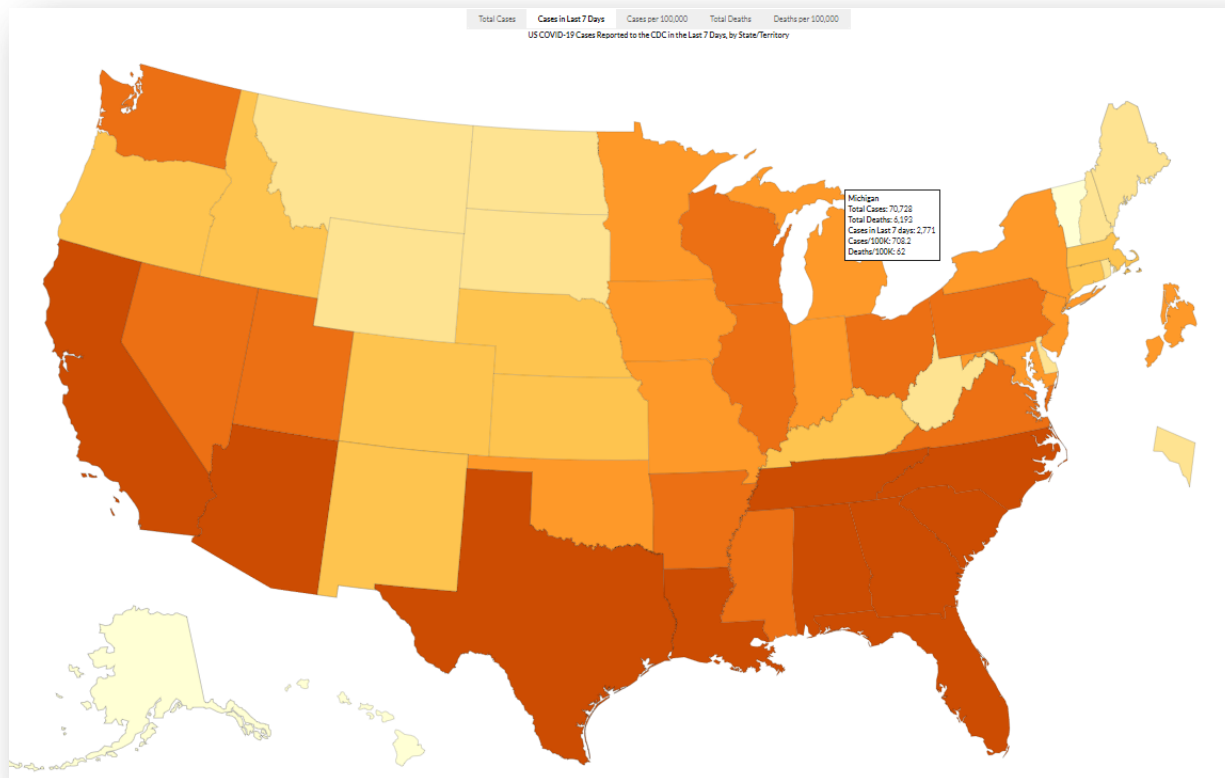
[www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html](http://www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html)



- New cases since 6/30: 43,644
- New deaths since 6/30: 560

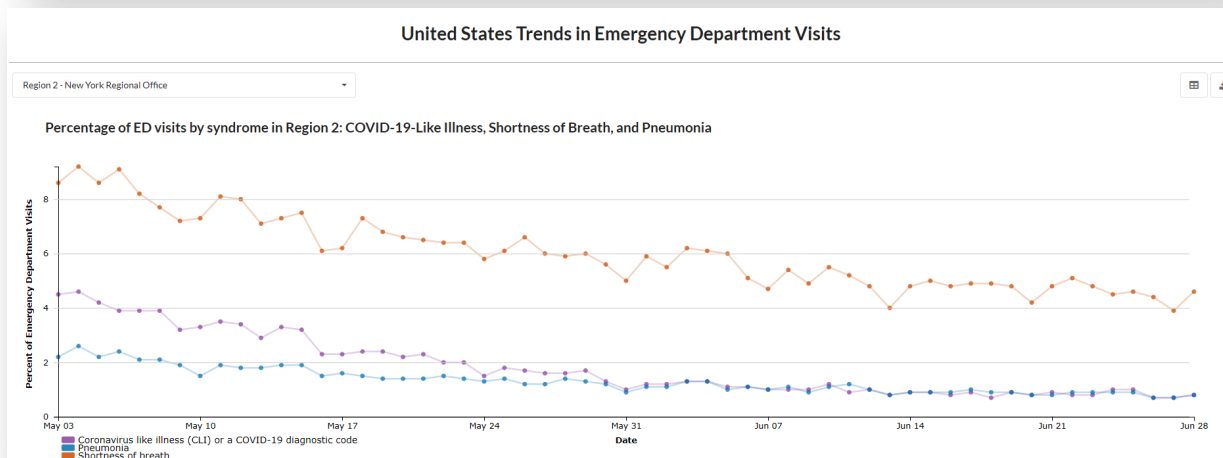
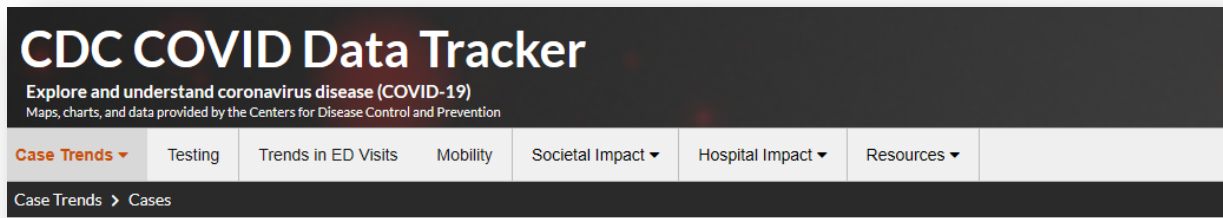
# CDC COVID Data Tracker (July 1, 2020)

[www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html](http://www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html)



# CDC COVID Data Tracker (July 1, 2020)

[www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html](https://www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html)

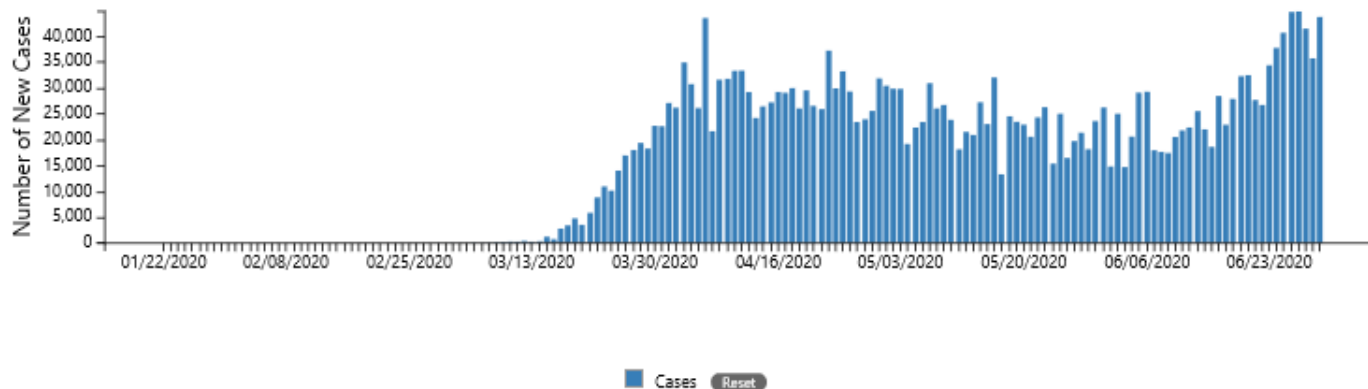


# Situation Summary: Covid-19 U.S. (July 1, 2020)

[www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html](https://www.cdc.gov/coronavirus/2019-ncov/cases-in-us.html)

## New Cases by Day

The following chart shows the number of new COVID-19 cases reported each day in the U.S. since the beginning of the outbreak. Hover over the bars to see the number of new cases by day.

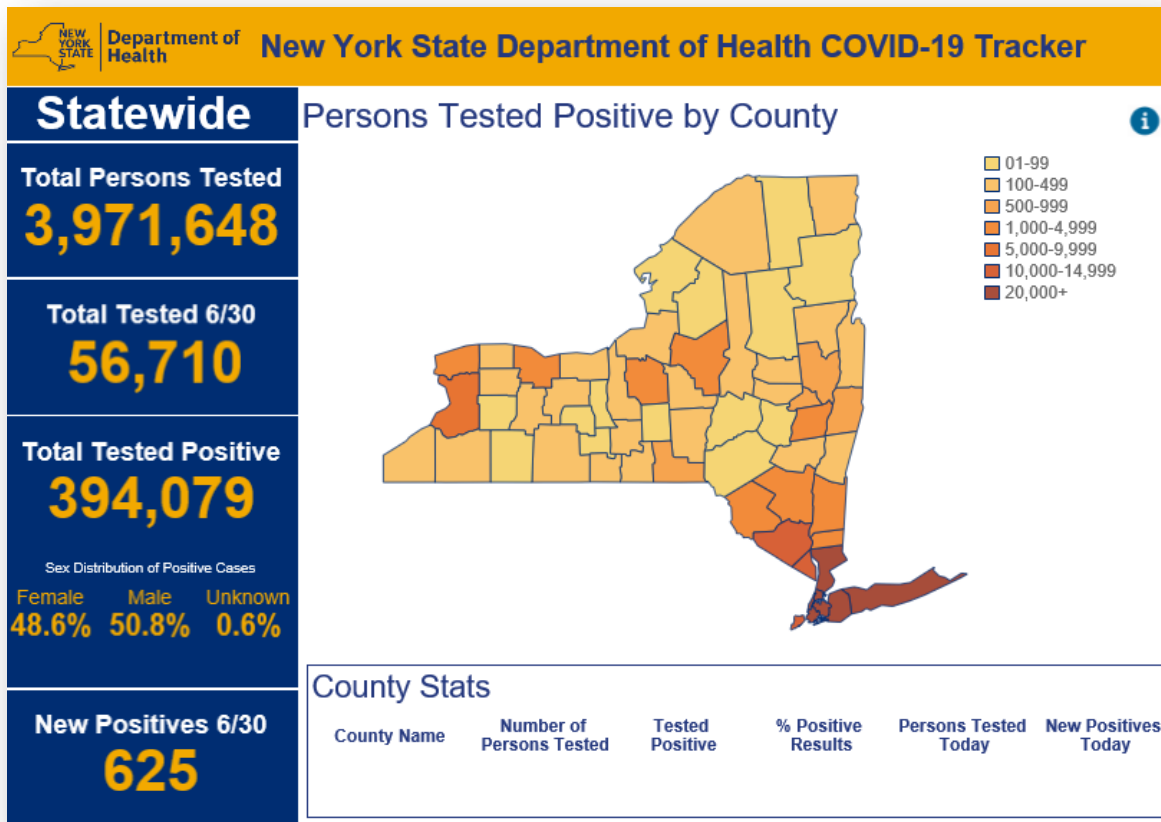


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# NYSDOH COVID-19 Tracker (July 1, 2020)

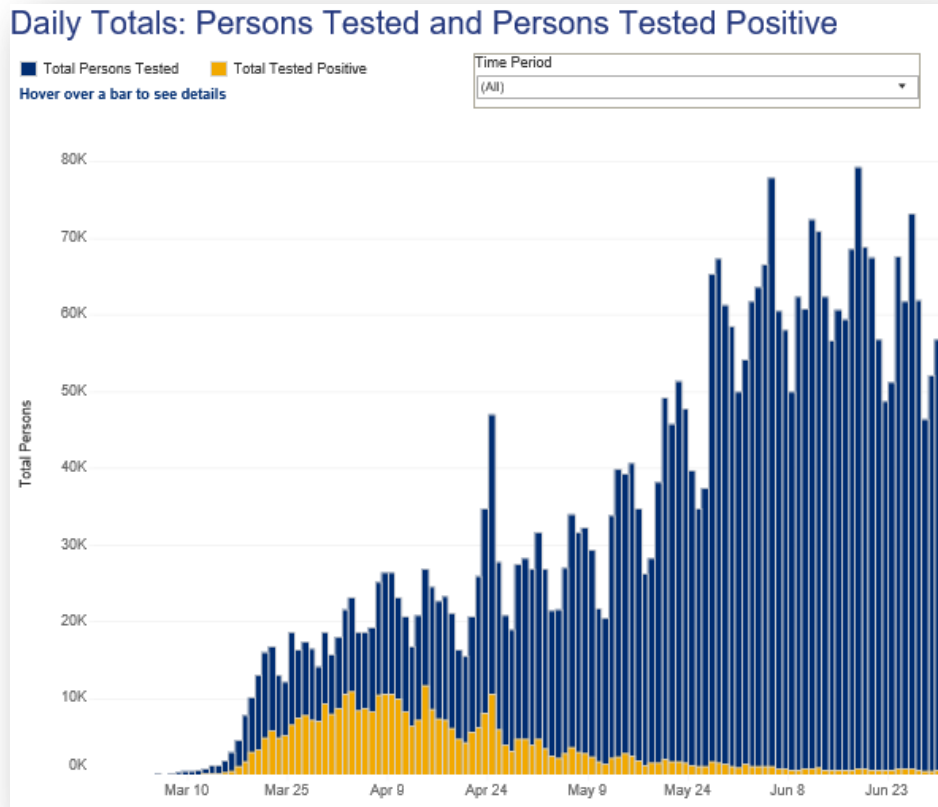
Found at: [NYSDOH COVID-19 website](https://www.health.ny.gov/covid19/)



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# NYSDOH COVID-19 Tracker (July 1, 2020)


Found at: [NYSDOH COVID-19 website](https://www.health.ny.gov/data/covid19/covid19_data.htm)



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# NYSDOH COVID-19 Tracker (July 1, 2020)

Found at: [NYSDOH COVID-19 website](#)

 Department of Health <b>Fatalities</b>		
Fatalities by County		The increase in fatalities reflects new data reported Wednesday, May 6 in addition to confirmed fatalities within nursing homes and adult care facilities that were identified as part of a data reconciliation process earlier this week. <a href="#">Click here</a> for additional detail.
County	Place of Fatality	Deaths by County of Residence
Grand Total	24,866	24,866
Albany	160	109
Allegany	0	2
Bronx	3,040	3,317

# NYS COVID-19 Healthcare Utilization

- Continue to see decreases in hospitalization, ICU, and intubation numbers
- Currently hospitalized: 878 (*decreased by 1*)
  - Newly hospitalized: 96
- Current ICU: 209 (*decreased by 17*)
  - Current Intubation: 129 (*decreased by 10*)
- Fatalities (6/30): 11
- Cumulative discharges: 70,698

# SARS-CoV-2 Testing for COVID-19

# Updated NYS Criteria for COVID-19 Testing

- **Diagnostic and/or serologic testing for COVID-19 shall be authorized by a healthcare provider when:**
- **An individual is symptomatic or has a history of symptoms of COVID-19 (e.g. fever, cough, and/or trouble breathing), particularly if the individual is 70 years of age or older, the individual has a compromised immune system, or the individual has an underlying health condition**
- **An individual is less than 21 years of age who has symptoms consistent with Multisystem Inflammatory Syndrome in Children (MIS-C)**
- **An individual requires a test for medical care, including being tested prior to an elective surgery or procedure, or individuals who are pregnant and their designated support person; or**
- **An individual has had close (i.e. within six feet) or proximate contact with a person known to be positive with COVID-19 (precautionary or mandatory quarantine)**
- **An individual is employed as a healthcare worker, first responder, NH employee or staff of other congregate care facility, or other essential worker who directly interacts with the public while working**
- **An individual is employed by an essential business and directly interacts with the public**
- **An individual is employed by an essential business (e.g. food production, medical supply manufacturing) or any business that has been designated to “reopen” in certain regions of the state (e.g. construction, curbside/in-store pickup retail, wholesale trade); or**
- **An individual presents with a case where the facts and circumstances – as determined by the treating clinician in consultation with state or local department of health officials – warrant testing**
- **Anyone who attended a recent protest is eligible for a test**
- **Any New Yorker**

# Association of Public Health Laboratories Guidance on Antigen Testing

- *June 23, 2020*
- [APHL Considerations for Implementation of SARS-CoV-2 Rapid Antigen Testing](#)
- Rapid antigen tests
  - PROS
    - Relatively inexpensive
    - Short turnaround time
    - Point-of-care use (such as doctors' offices)
    - Reported high specificity
  - CONS
    - Significantly lower sensitivity than most molecular tests
- Influenza rapid antigen testing
  - Commonly produces false negative results due to low sensitivity
  - As well as false positive results when disease prevalence is low



# APHL Guidance on Antigen Testing

- In settings experiencing high SARS-CoV-2 positivity rates, positive test results indicate that SARS-CoV-2 antigens were detected and that the individual is infected and presumed to be contagious
- However, false positive results can occur and are most likely in populations where the prevalence of SARS-CoV-2 infection is low
- Currently available SARS-CoV-2 antigen tests are considerably less sensitive than molecular tests and may therefore generate false negative results
- They should only be used to test symptomatic patients in populations with a high prevalence of disease
- However, false negative results can occur regardless of overall prevalence
- Presumptive negative results should be confirmed using a molecular test



# APHL Guidance on Antigen Testing

- Scenarios where Ag testing may be considered:
  - Symptomatic patients with high pre-test probability (high prevalence populations)
  - Use where a rapid positive helps clinical decisions or infection control
  - However, a negative result should be confirmed with molecular test
  - Examples:
    - Outbreak situations
    - Triageing individuals with respiratory symptoms in ED or similar settings
    - In high-risk congregate settings where confirmed cases
    - Off hour testing for rapid result, followed by molecular test
    - Remote populations with high prevalence and limited access to testing



# APHL Guidance on Antigen Testing

- Scenarios where Ag testing should NOT be considered for use:
  - Screening of asymptomatic individuals
  - Testing in underserved or marginalized populations where testing may be limited
    - Alternatives to improving access of testing should be sought

**Table 1: Currently Available SARS-Cov-2 Antigen Tests**

Test Name	Separate Instrument Required	Authorized for Use in Waived Settings	Specimen Types	Time to Result	Test Performance*	More Information
Quidel Sofia 2 SARS Antigen FIA	Yes Sofia 2 FIA Analyzer	Yes	NP or Nasal Swabs Directly or After Transport in VTM	15-30 minutes	Sensitivity: 80% Specificity: 100%	<a href="#">IFU</a> <a href="#">HCP</a>

\*Test performance data taken from assay's IFU



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# Community Mitigation and Reopening Strategies

# NYS Community Mitigation and Reopening Strategy

- **Phase 2**

- Phase 2 allows office-based workers, real estate, in-store retail shopping and some barbershop and hair salon services, outdoor dining permitted with social distancing and masks, reopening of places of worship with 25% occupancy
- **New York City**
- Phase three expected Monday July 6, however, indoor dining postponed as states across the country that previously reopened indoor dining are experiencing upticks in COVID-19 cases

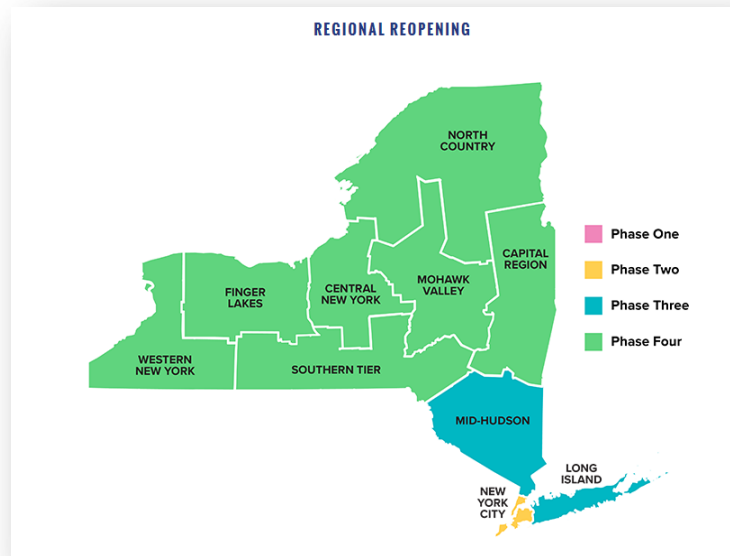
- **Phase 3**

- Indoor restaurant and food services and personal care services to resume, gatherings of 25 people will be allowed, low risk youth sports can resume on July 6<sup>th</sup> (baseball/softball, gymnastics, field hockey, cross country, and crew)

- **Long Island and the Mid-Hudson Region**

- **Phase 4**

- **Capital region, Mohawk Valley, North Country, Central New York, Southern Tier, Finger Lakes, and Western NY**
- Higher education, low-risk outdoor and indoor arts & entertainment, media production, professional sports competitions with no fans



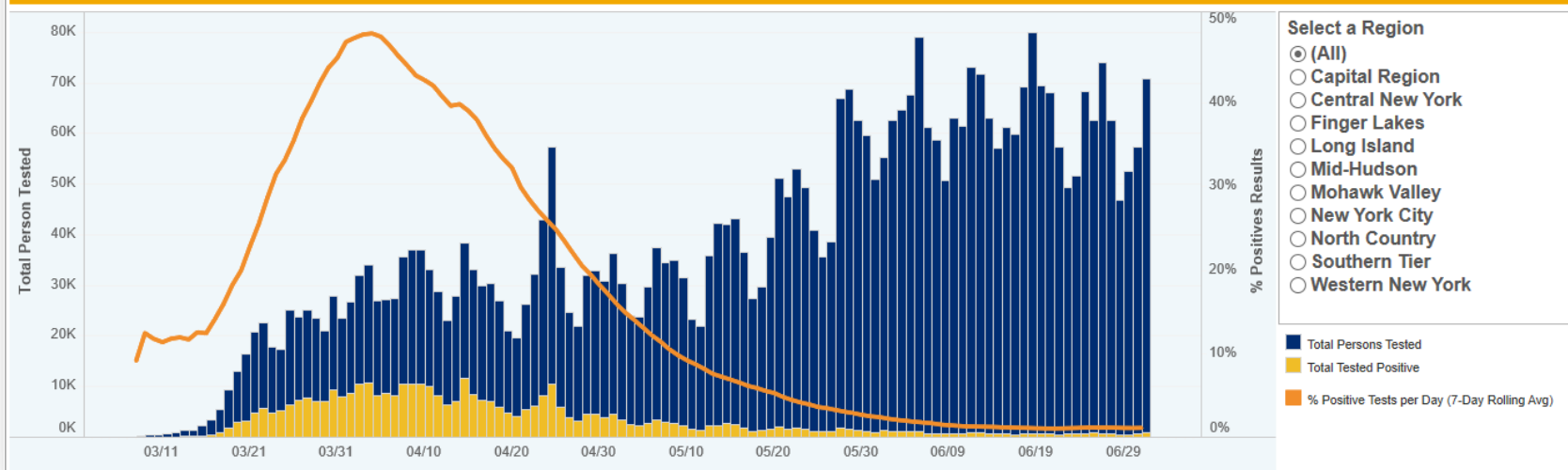
# NYS Community Mitigation and Reopening Strategy

- NY Forward business reopen look up tool available [here](#)
- NY Forward reopening guidance available [here](#)
- The state's regional monitoring dashboard is available [here](#)

# Percentage Positive Results By Region Dashboard

## % Positive Results Over Time - All Regions

Testing data as of: 7/1/2020  
Testing data last updated on: 7/2/2020



[NYS Percentage Positive Results by Region Dashboard](#)



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# Early Warning Monitoring Dashboard

COVID-19 Early Warning Monitoring System Dashboard

Data as of: June 16, 2020  
Last updated on: June 17, 2020

Region	Testing/Tracing Targets		New Infections		Severity of Infection	Hospital Capacity	
	Maintain 30 per 1,000 Diagnostic Tests	Maintain Required Case and Contact Tracing Capacity	% Positive Tests per Day (7-Day Rolling Avg)	New Cases per 100K (7-Day Rolling Avg)	Gross New Hospitalizations per 100k (7-Day Rolling Avg)	Share of Total Hospital Beds % Available (7-Day Rolling Avg)	Share of ICU Beds % Available (7-Day Rolling Avg)
Capital Region	2,743 / 1,085	278	0.6%	1.47	0.22	34%	42%

Central New York	2,342 / 775	45	0.6%	1.47	0.22	34%	42%
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Finger Lakes	4,302 / 1,203	46	0.6%	1.47	0.22	34%	42%
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Long Island	9,314 / 2,839	1,311	0.6%	1.47	0.22	34%	42%
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Mid-Hudson	7,590 / 2,322	1,411	0.6%	1.47	0.22	34%	42%
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Mohawk Valley	1,836 / 485	13	0.6%	1.47	0.22	34%	42%
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New York City	28,081 / 8,399	4,611	0.6%	1.47	0.22	34%	42%
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North Country	1,096 / 419	11	0.6%	1.47	0.22	34%	42%
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Southern Tier	1,998 / 633	11	0.6%	1.47	0.22	34%	42%
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Western New York	3,978 / 1,381	74	0.6%	1.47	0.22	34%	42%
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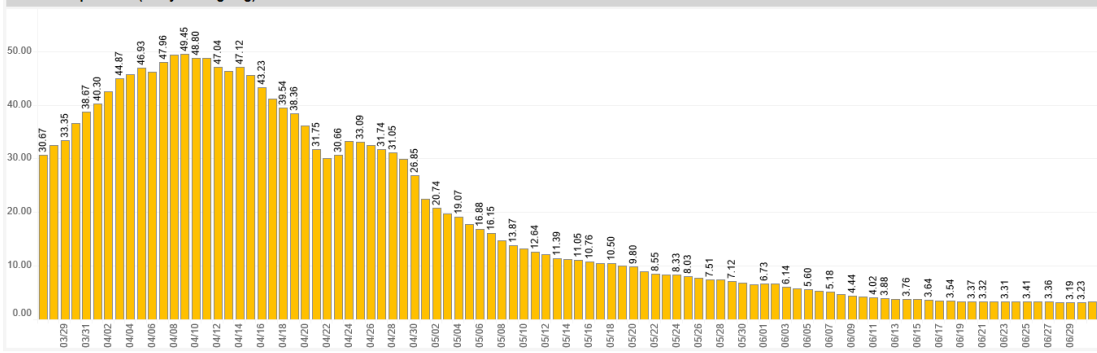
## COVID-19 Early Warning Monitoring System Dashboard - STATEWIDE

Data as of: July 1, 2020  
Last updated on: July 2, 2020

Testing/Tracing Targets		New Infections		Severity of Infection	Hospital Capacity		Select a Region
Maintain 30 per 1,000 Diagnostic Tests	Maintain Required Case and Contact Tracing Capacity	% Positive Tests per Day (7-Day Rolling Avg)	New Cases per 100K (7-Day Rolling Avg)	Gross New Hospitalizations per 100k (7-Day Rolling Avg)	Share of Total Hospital Beds % Available (7-Day Rolling Avg)	Share of ICU Beds % Available (7-Day Rolling Avg)	<input type="radio"/> STATEWIDE
							<input type="radio"/> Capital Region
							<input type="radio"/> Central New York
							<input type="radio"/> Finger Lakes
60,286 / 19,542	9,628	1.1%	3.32	0.55	31%	44%	<input type="radio"/> Long Island
							<input type="radio"/> Mid-Hudson
							<input type="radio"/> Mohawk Valley
							<input type="radio"/> New York City
Show Trend	Show Trend	Show Trend	Show Trend	Show Trend	Show Trend	Show Trend	<input type="radio"/> North Country
							<input type="radio"/> Southern Tier
							<input type="radio"/> Western New York

- Select a Region
- ☒ STATEWIDE
  - ☐ Capital Region
  - ☐ Central New York
  - ☐ Finger Lakes
  - ☐ Long Island
  - ☐ Mid-Hudson
  - ☐ Mohawk Valley
  - ☐ New York City
  - ☐ North Country
  - ☐ Southern Tier
  - ☐ Western New York

New cases per 100K (7-day Rolling Avg)



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# Daily Hospitalization Summary by Region

## DAILY HOSPITALIZATION SUMMARY BY REGION

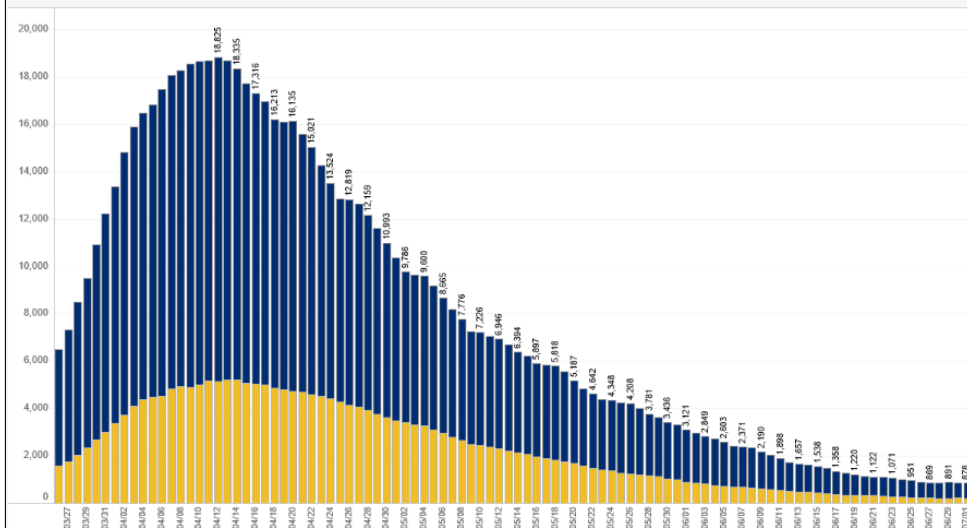
For detailed information, view the Early Warning Metric Dashboard.

### REGIONAL DASHBOARDS

#### All Regions

Data as of: 7/1/2020  
Last updated on: 7/2/2020

■ Total COVID-19 Patients Hospitalized  
■ Total COVID-19 Patients in ICU



#### Select a Region

- ☒ (All)
- ☐ Capital Region
- ☐ Central New York
- ☐ Finger Lakes
- ☐ Long Island
- ☐ Mid-Hudson
- ☐ Mohawk Valley
- ☐ New York City
- ☐ North Country
- ☐ Southern Tier
- ☐ Western New York

[NYS Daily Hospitalization Summary by Region](#)



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# NYS Travel Advisory

- In partnership with NJ and CT, NYS has issued a travel advisory for individuals traveling from states with significant community spread of COVID-19, requiring a 14-day quarantine (*issued June 25, 2020*)
- [NYSDOH COVID-19 Travel Advisory Website](#) maintains a current list of states meeting the criteria for the required quarantine
- Current list:
  - Alabama, Arkansas, Arizona, California, Florida, Georgia, Iowa, Idaho, Louisiana, Mississippi, Nevada, North Carolina, South Carolina, Tennessee, Texas
- This is based upon a seven day rolling average, of positive tests in excess of 10%, or number of positive cases exceeding 10 per 100,000 residents
- If you have traveled from within a designated state, you must quarantine for 14 days from the last travel within the designated state, provided on the date you enter into NYS that such state met the criteria

# NYS Travel Advisory - FAQs

- The requirements of the travel advisory do NOT apply to any individual passing through designated states for a limited duration (i.e., less than 24 hours) through the course of travel (stopping at rest stops for vehicles, buses, or trains or lay-overs for air travel, bus travel, or train travel)
- Exceptions for essential workers:
  - **Short term (<12 hrs) and medium term (<36 hrs) essential workers**
    - Essential workers should stay in their vehicle and/or limit personal exposure by avoiding public spaces as much as possible, monitor temperature and symptoms, wear a face covering when in public, social distance, clean and disinfect, avoid extended periods in public, contact with the public, and large congregate settings
  - **Long-term essential workers (requiring a stay of >36 hrs, several days)**
    - Seek diagnostic testing for COVID-19 as soon as possible upon arrival (within 24 hours) to ensure they are not positive
    - Other measures as above
  - For reference, an “**essential worker**” is:
    - Any individual employed by an entity included on the Empire State Development (ESD) Essential Business list; or
    - Any individual who meets the COVID-19 testing criteria given status as employed as a health care worker, first responder, or in any position within a nursing home, long-term care facility, or other congregate care setting, or an individual who is employed as an essential employee who directly interacts with the public while working, pursuant to DOH Protocol for COVID-19 Testing, issued May 31, 2020, or
    - Any other worker deemed such by the Commissioner of Health
- [NYSDOH COVID-19 Travel Advisory Guidance](#)

# Therapeutic Updates

# Therapeutic Updates

- **Dexamethasone**

- Preliminary, unpublished, analysis of data from the Randomized Evaluation of COVID-19 Therapy (RECOVERY) study in the U.K.
  - Among 6,425 hospitalized patients, 2,104 in the dexamethasone arm and 4,321 in the control arm, primary outcome 28-day mortality
  - Among those on mechanical ventilation, 29% in dexamethasone arm died compared to 40.7% in control arm (RR 0.65; 95% CI, 0.51–0.82,  $P < 0.001$ )
  - Among those on supplemental oxygen, 21.5% in the dexamethasone arm died compared to 25% in the control arm (RR 0.80; 95% CI, 0.70–0.92,  $P = 0.002$ )
  - No benefit observed in those who did not require oxygen at enrollment

- **NIH COVID-19 Treatment Guidelines - Dexamethasone**

- *Updated June 25, 2020*
- Recommends using dexamethasone (at a dose of 6 mg per day for up to 10 days) in patients with COVID-19 who are mechanically ventilated and in patients with COVID-19 who require supplemental oxygen
- The Panel **recommends against** using dexamethasone in patients with COVID-19 who do not require supplemental oxygen

# Multisystem Inflammatory Syndrome Associated with COVID-19 in Children (MIS-C)

# MIS-C

The NEW ENGLAND JOURNAL of MEDICINE

## ORIGINAL ARTICLE

### Multisystem Inflammatory Syndrome in U.S. Children and Adolescents

L.R. Feldstein, E.B. Rose, S.M. Horwitz, J.P. Collins, M.M. Newhams, M.B.F. Son, J.W. Newburger, L.C. Kleinman, S.M. Heidemann, A.A. Martin, A.R. Singh, S. Li, K.M. Tarquinio, P. Jaggi, M.E. Oster, S.P. Zackai, J. Gillen, A.J. Ratner, R.F. Walsh, J.C. Fitzgerald, M.A. Keenaghan, H. Alharash, S. Doymaz, K.N. Clouser, J.S. Giuliano, Jr., A. Gupta, R.M. Parker, A.B. Maddux, V. Havalad, S. Ramsingh, H. Bukulmez, T.T. Bradford, L.S. Smith, M.W. Tenforde, C.L. Carroll, B.J. Riggs, S.J. Gertz, A. Daube, A. Lansell, A. Coronado Munoz, C.V. Hobbs, K.L. Marohn, N.B. Halasa, M.M. Patel, and A.G. Randolph, for the Overcoming COVID-19 Investigators and the CDC COVID-19 Response Team\*

The NEW ENGLAND JOURNAL of MEDICINE

## ORIGINAL ARTICLE

### Multisystem Inflammatory Syndrome in Children in New York State

Elizabeth M. Dufort, M.D., Emilia H. Koumans, M.D., M.P.H., Eric J. Chow, M.D., M.P.H., Elizabeth M. Rosenthal, M.P.H., Alison Muse, M.P.H., Jemma Rowlands, M.P.H., Meredith A. Barranco, M.P.H., Angela M. Maxted, D.V.M., Ph.D., Eli S. Rosenberg, Ph.D., Delia Easton, Ph.D., Tomoko Udo, Ph.D., Jessica Kumar, D.O., Wendy Pulver, M.S., Lou Smith, M.D., Brad Hutton, M.P.H., Debra Blog, M.D., M.P.H., and Howard Zucker, M.D., for the New York State and Centers for Disease Control and Prevention Multisystem Inflammatory Syndrome in Children Investigation Team\*

- Further evidence of temporal, geographic, laboratory/exposure linkage of COVID-19 with MIS-C
- MIS-C presented differently than children with Kawasaki disease; generally were older with more severe clinical course, more hypotension/shock and severe cardiac disease



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# MIS-C

- Further evidence of that most children with this syndrome had no significant underlying medical conditions
- Health disparities we have seen in other aspects of the COVID-19 pandemic are being seen with syndrome as well
- We found variations in clinical manifestations according to age
  - The prevalence of dermatologic symptoms was highest among children 0 to 5 years of age, and the prevalence of myocarditis was highest among the adolescents
  - Meanwhile, gastrointestinal symptoms were high in all age groups
- Elevated levels of C-reactive protein (CRP), d-dimer, and troponin were found in 100%, 91%, and 71% of the patients tested, respectively

# Approach to MIS-C Guidance

## COVID-19 associated Multisystem Inflammatory Syndrome in Children (MIS-C) guidelines: a Western New York approach



### Evaluation for COVID 19 Associated Multisystem Inflammatory Syndrome in Children (MIS-C)

Consider this condition in children presenting with fevers without an explanatory alternative diagnosis and any of the following: after initial resolution of known/highly suspected COVID-19 infection or recent COVID-19 exposure, symptoms of Kawasaki Disease (rash, conjunctivitis, oral/mucosal inflammation), or systemic illness with signs of shock or significant vomiting/diarrhea/abdominal pain.  
\*see below CDC case definition

Overlap with MIS-C definition, but mild illness, mild lab abnormalities on screening labs, and lacking alternative diagnosis

Sick child / cardiogenic shock / overlap with Kawasaki disease (KD) / toxic-shock like - Admit and....

Perform **Set 1 studies** not already performed  
Additional studies to consider  
- chest x-ray  
- abdominal imaging as indicated

If concerning labs or clinical decline perform **Set 2**

- Establish good IV access and start fluids: judicious use with frequent reevaluation
- Perform **Set 1 and 2 studies if not already done**
- Notify local Department of Health
- Consults:
  - PICU (all patients)
  - Infectious Diseases (all patients)
  - Consider: Hematology, Rheumatology
- Urgent Echo and Cardiology consult for any of the following:
  - Hemodynamically compromised (hypotension, tachycardia out of proportion of fever)
  - Troponin or BNP elevated
  - EKG suggestive of myocardial injury/inflammation
- If considering KD and on day 9 or longer of fevers
- Empiric Antibiotics (will vary, guided by ID) consider:
  - Ceftriaxone + Metronidazole for abdominal concern
  - Vancomycin, Clindamycin, Cefepime for Toxic Shock

**Set 1 - Studies**  
COVID-19 PCR (if not performed within 48 hours)  
COVID IgG (unless known +)  
Respiratory viral panel  
EKG  
Procalcitonin  
ESR  
Urinalysis with microscopic (clean catch to assess urethritis)  
Blood culture  
Urine culture  
\*CBC with differential  
\*CMP (albumin and LFTs)  
\*CRP  
\*Ferritin  
\*D-dimer  
\*Troponin  
\*LDH  
\*VBG  
\*Lactate  
\*PT/PTT  
\*Fibrinogen  
\*CK  
\*LDH

**Set 2 - Studies**

### Evaluation for COVID 19 Associated Multisystem Inflammatory Syndrome in Children (MIS-C)

Consider this condition in children presenting with fevers without an explanatory alternative diagnosis and any of the following: after initial resolution of known/highly suspected COVID-19 infection or recent COVID-19 exposure, symptoms of Kawasaki Disease (rash, conjunctivitis, oral/mucosal inflammation), or systemic illness with signs of shock or significant vomiting/diarrhea/abdominal pain.  
\*see below CDC case definition

Overlap with MIS-C definition, but mild illness, mild lab abnormalities on screening labs, and lacking alternative diagnosis

Sick child / cardiogenic shock / overlap with Kawasaki disease (KD) / toxic-shock like - Admit and....

Perform **Set 1 studies** not already performed  
Additional studies to consider  
- chest x-ray  
- abdominal imaging as indicated

If concerning labs or clinical decline perform **Set 2 studies and admit**

Consider discharge if clinically well appearing, stable vital signs, reassuring labs (such as low levels of inflammation, i.e. CRP <30, ESR <30), normal imaging if done, and other workup not concerning.

PMD should follow up in 24 - 48 hours, review symptoms, consider repeating labs and evaluations on ongoing basis.

**\* MIS-C CDC Case Definition:** Fever >24 hours reported or documented ≥38.0°C AND Illness requiring hospitalization AND Multisystem (≥2) organ involvement (i.e. cardiac, renal, resp, gi, heme, derm or neuro) AND No alternative plausible diagnoses AND COVID-19 positivity/exposure SARS-CoV-2 RT-PCR positive currently or recently positive on Antibody testing or COVID-19 exposure within the 4 weeks prior to the onset of symptoms

\* May include one or more of the following laboratory value abnormalities: reduced lymphocytes, low albumin, or elevations in any of the following (Neutrophil count, C-reactive protein (CRP), erythrocyte sedimentation rate (ESR), fibrinogen, procalcitonin, d-dimer, ferritin, lactic acid dehydrogenase (LDH), or interleukin 6 (IL-6)).

**Set 1 - Studies**  
COVID-19 PCR (if not performed within 48 hours)  
COVID IgG (unless known +)  
Respiratory viral panel  
EKG  
Procalcitonin  
ESR  
Urinalysis with microscopic (clean catch to assess urethritis)  
Blood culture  
Urine culture  
\*CBC with differential  
\*CMP (albumin and LFTs)  
\*CRP  
\*Ferritin  
\*D-dimer  
\*Troponin  
\*BNP  
\*LDH  
\*VBG  
\*Lactate  
\*PT/PTT  
\*Fibrinogen  
\*CK  
\*LDH

**Set 2 - Studies**  
Chest X-ray  
Echocardiogram  
Triglycerides  
Anti-thrombin III  
ADAMTS-13  
Consider:  
Blood type and Screen  
Additional blood cultures  
Rapid strep and throat culture and Antistreptolysin O (ASO)  
Specific viral titers or collecting large volume (5-10mL) serum to store for future studies  
Cytokine panel  
Viral Widal Panel  
Immunoglobulins, including IgA (particularly if your center uses IVD known to have significant IgA contamination)

Reassess, may deteriorate quickly

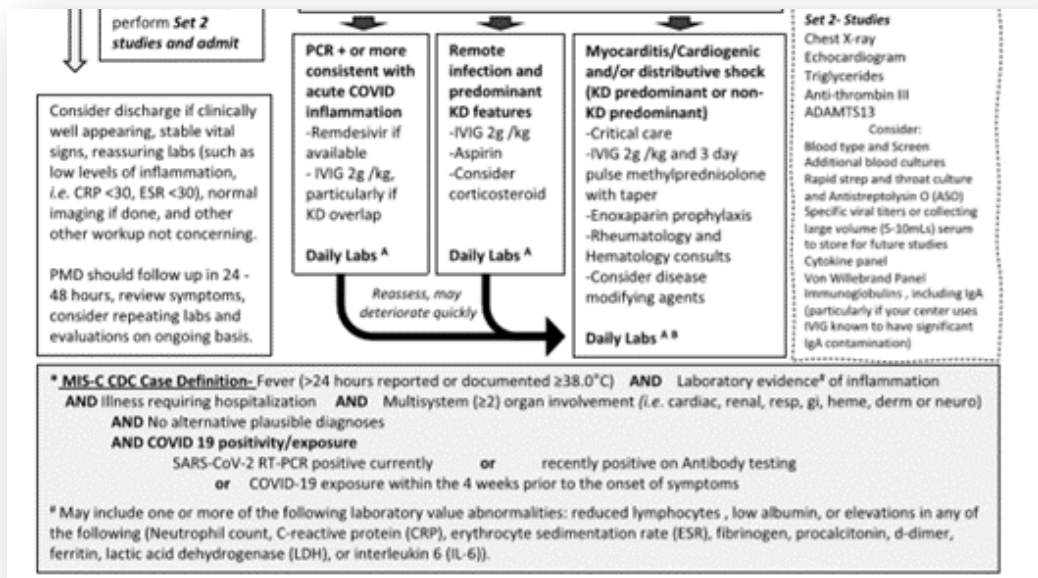
Daily Labs <sup>A</sup>

Daily Labs <sup>A</sup>

Daily Labs <sup>A,B</sup>



# Approach to MIS-C Guidance



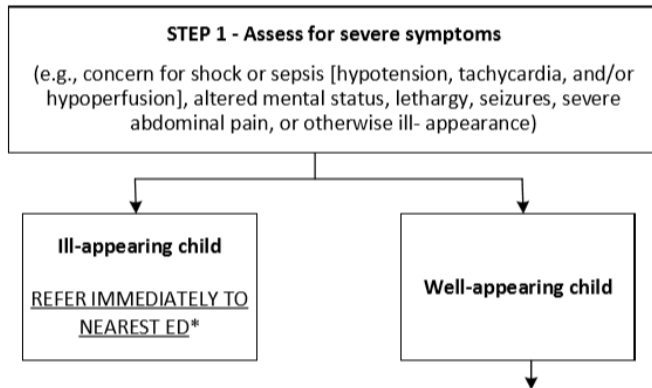
# MIS-C Guidance for Ambulatory Care Providers

## [NYC DOHMH MIS-C Guidance for Ambulatory Care Providers](#)

- Refer **ill-appearing** children with a possible MIS-C case to the emergency department (ED) of the children's hospital where they typically obtain care, or to the closest ED where care by pediatric subspecialists is available, when possible.
  - For MIS-C, a multidisciplinary approach to evaluation and treatment that involves pediatric subspecialists is critical, as is access to clinical and diagnostic laboratory testing with rapid turnaround time for results. Cases can progress rapidly to shock.
- For **well-appearing** children with an illness potentially compatible with MIS-C who do not meet criteria for ED referral initially, close follow-up is recommended.
  - Laboratory testing may be considered, but is not essential for the evaluation of MIS-C in the ambulatory care setting for an otherwise well-appearing child. If laboratory testing is conducted, increasing inflammatory markers (e.g., C-reactive protein) can be indicative of disease progression.

# NYC DOHMH MIS-C Guidance for Ambulatory Care Providers

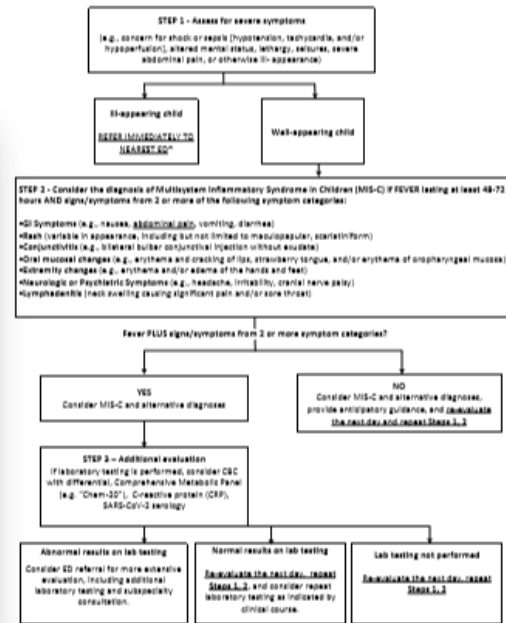
## Evaluation of Multisystem Inflammatory Syndrome in Children (MIS-C) in the Ambulatory Setting



**STEP 2 - Consider the diagnosis of Multisystem Inflammatory Syndrome in Children (MIS-C) if FEVER lasting at least 48-72 hours AND signs/symptoms from 2 or more of the following symptom categories:**

- **GI Symptoms** (e.g., nausea, abdominal pain, vomiting, diarrhea)
- **Rash** (variable in appearance, including but not limited to maculopapular, scarlatiniform)
- **Conjunctivitis** (e.g., bilateral bulbar conjunctival injection without exudate)
- **Oral mucosal changes** (e.g., erythema and cracking of lips, strawberry tongue, and/or erythema of oropharyngeal mucosa)
- **Extremity changes** (e.g., erythema and/or edema of the hands and feet)
- **Neurologic or Psychiatric Symptoms** (e.g., headache, irritability, cranial nerve palsy)
- **Lymphadenitis** (neck swelling causing significant pain and/or sore throat)

## Evaluation of Multisystem Inflammatory Syndrome in Children (MIS-C) in the Ambulatory Setting



\* When possible, the patient should be referred to an ED where consultation by pediatric subspecialists is available.

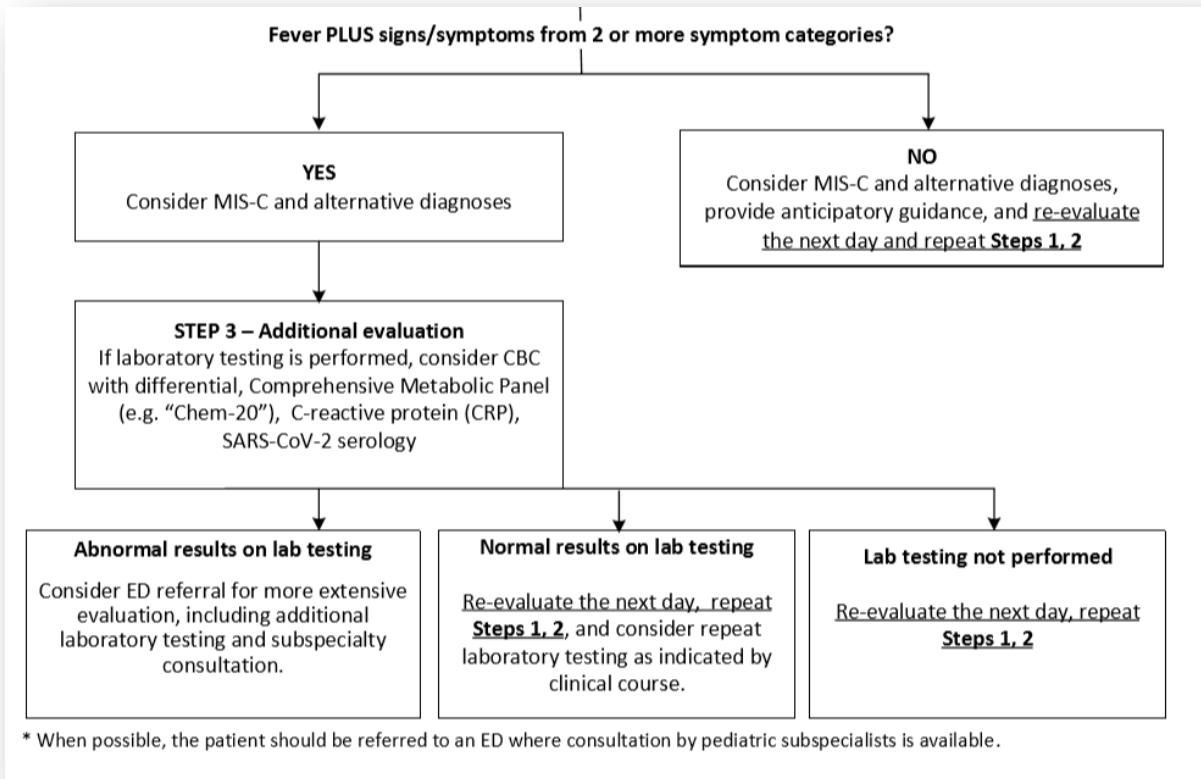
The NYC Health Department may change recommendations as the situation evolves.

6/24/20



Department of Health

# NYC DOHMH MIS-C Guidance for Ambulatory Care Providers



# MIS-C Associated with COVID-19

## New York State Department of Health

HELP



The Spectrum of Multisystem  
Inflammatory Syndrome in Children  
(MIS-C)

June 11, 2020



Multisystem Inflammatory Syndrome in  
Children (MIS-C) Associated with  
Coronavirus 2019 (COVID-19)

May 21, 2020



COVID-Related Pediatric Multi-System  
Inflammatory Syndrome

May 14, 2020

Webcast link: <https://totalwebcasting.com/view/?id=nysdohcovid>



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# MIS-C Associated with COVID-19

 Search for topics, people, events...

Go Back to Calendar

Event



## Multispecialty Approaches to Treating Multisystem Inflammatory Syndrome in Children

Date & Time	Location
June 3, 2020 1:00 PM - 2:30 PM EDT	Webinar

GNYHA will host a June 3 webinar featuring the perspectives of multiple pediatric subspecialists on treating multisystem inflammatory syndrome in children (MIS-C) outside of the critical care setting. The webinar is a joint effort between GNYHA and the New York Region of [Solutions for Patient Safety](#) (SPS), in collaboration with the New York State Department of Health and the New York City Department of Health and Mental Hygiene (DOHMH). SPS is a national network of children's hospitals dedicated to reducing avoidable harm in hospitalized children and promoting a culture of safety that benefits staff and patients.

<https://www.gnyha.org/>

[www.gnyha.org/event/multispecialty-approaches-to-treating-multisystem-inflammatory-system-in-children/](https://www.gnyha.org/event/multispecialty-approaches-to-treating-multisystem-inflammatory-system-in-children/)



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# MIS-C Associated with COVID-19

## NIH COVID-19 Treatment Guidelines

- Limited information available on treatment for MIS-C
- Supportive care remains the mainstay of therapy
- Currently insufficient data to recommend either for or against any therapeutic strategy for the management of MIS-C
- Although no definitive data are available, many centers consider the use of intravenous immune globulin, steroids, and other immunomodulators (including interleukin-1 and interleukin-6 inhibitors) for therapy, and antiplatelet and anticoagulant therapy
- The role of antiviral medications is not clear at this time
- MIS-C management decisions should involve a multidisciplinary team of pediatric specialists in intensive care, infectious diseases, cardiology, hematology, and rheumatology

**Elizabeth Rausch-Phung, MD, MPH**  
**Director, Bureau of Immunization**  
**NYSDOH**



# Routine and Catch-Up Vaccination During COVID-19



# Routine Vaccination of Children, Adolescents and Adults

- Routine vaccination of children, adolescents and adults (including pregnant women) should not be delayed due to COVID-19
- Critical to prevent outbreaks of vaccine-preventable diseases, protect vulnerable patients, the healthcare system and infrastructure
- Use every available opportunity this fall and winter to offer influenza vaccine to all eligible persons age 6 months and older

# Separate Well Patients From Sick Patients

- Schedule well visits in the morning and sick visits in the afternoon
- Separate areas for sick visits and well visits
- Close waiting rooms: have patients wait in cars and call or text them when their exam room is ready
- Screen patients and caregivers for symptoms of COVID-19 prior to entering the facility
- Only allow 1 caregiver per child present at a time

# Infection Control Strategies

- Wear medically-appropriate face masks
- Wear eye protection while administering vaccines in areas with moderate or substantial community transmission
- Wear gloves while administering nasal or oral vaccines
- Implement temperature and symptom checks for all staff at the beginning of each shift and every 12 hours while on duty
- Follow CDC and OSHA guidance for cleaning exam rooms

# Reminder/Recall

## Reminder/Recall Request

### Indicate the Tracking Schedule ...

☒ Use Tracking Schedule Associated with Each Patient

☐ Use Tracking Schedule Selected for All Patients

### Select the Vaccine Group(s) ...

☒ Use All Vaccine Groups

☐ Use Vaccine Groups Selected

Add >

< Remove

### Select the School & Primary Care Provider ...

School

Provider (PCP)

### Enter Additional Demographic Criteria ...

City

Zip Code

County

### Enter the Date Criteria ...

Target Date Range From

To

Birth Date Range From

To

NOTE: If Target Date is blank, today's date will be used.

Weeks Since Last Notice

Exclude patients more than  Month(s) Overdue

Exclude from ☒ Today's Date ☐ Target From Date

organization **Lori's Pediatrics** • user **Lori Isabella-Rhoades** • role **Admin User (Provider)**

### Reminder Request Process Summary

Step	Criteria Evaluated at this Step	Patients
1	Patients <b>associated</b> with <i>Lori's Pediatrics</i> .	56
2	Patients <b>immunized</b> by <i>Lori's Pediatrics</i> .	34
3	Patients that are <b>active</b> within <i>Lori's Pediatrics</i> and <b>allow Reminder &amp; Recall Contact</b> . Additional criteria includes: <ul style="list-style-type: none"> <li><b>Birthdate range</b> is not specified;</li> <li><b>County</b> is not specified;</li> <li><b>School</b> is not specified;</li> <li><b>Provider</b> is not specified;</li> <li><b>Weeks Since Last Notice</b> is not specified.</li> </ul>	28
4	Patients that have a <b>Valid Address</b> . Additional criteria includes: <ul style="list-style-type: none"> <li><b>City</b> is not specified</li> <li><b>Zip Code</b> is not specified.</li> </ul>	8
5	Patients that meet the following criteria regarding vaccination status: <ul style="list-style-type: none"> <li>Patients that are <b>Recommended or Overdue</b> for one or more vaccinations <b>as of 06/27/2018</b>;</li> <li>Use all <b>vaccine groups</b>;</li> <li>Use <b>tracking schedule</b> associated with each patient.</li> <li><b>Exclude Overdue Reminders</b> is not specified.</li> </ul>	8
<b>Total Number of Patients Eligible for Reminder</b>		<b>8</b>

### Reminder Request Output Options

Output	Description	Additional Input
<a href="#">Reminder Letter</a>	Standard Reminder Letter.	<p>Report Name <input type="text"/></p> <p>Free Text <input type="text"/></p> <p>Phone # <input type="text"/></p>
<a href="#">Mailing Labels</a>	Avery Mailing Labels.	Report Name <input type="text"/>
<a href="#">Patient Query Listing</a>	A list of patients based on the report criteria.	Report Name <input type="text"/>

# Reminder/Recall Output

Dear Sharon F Forbes,

Our records indicate that Sharon F Forbes has received the following immunizations:

Immunizations History		
Immunization	Date Administered	Series
MMR	04/23/2005	1 of 2
Varicella	01/01/1959	1 of 2

Our records also show that Sharon may be due for the following immunizations. If Sharon received these or other immunizations from another health care provider, please call our office so that we can update Sharon's record. Otherwise please take Sharon to a health care provider to receive them.

Vaccines Recommended by Selected Tracking Schedule	
Vaccine	Date Needed
Flu, unspecified formulation	08/01/2017
MMR	05/21/2005
Tdap > 7 years	01/01/1965
Varicella	05/21/2005
Zoster Subunit	01/01/2008

Cheers,

Dr. Rhoades



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of Health

# Reminder/Recall Output

SHARON F FORBES  
499 WALTON DRIVE  
CHEEKTOWAGA NY 14225

To the Parent/Guardian of:  
LOIS ANNE ISAACS  
855 DRAKE  
MARION NY 11213

To the Parent/Guardian of:  
SAMANTHA JONES  
16 EAST 4TH ST APT 1  
MOUNT VERNON NY 10550

To the Parent/Guardian of:  
JOHN B NYSIISTESTB  
100 MAIN STREET  
BUFFALO NY 14201

To the Parent/Guardian of:  
FRI SMITH  
123 MAIND ST  
DESMOND NY 96813

Report run on: 06/27/2018 02:18 PM

Patient Query Listing

Page 1 of 2

Patient Name (FML)	Phone Number	Address	City/State/Zip
LYNETTE PATTY BRANDEIS - 05/15/2005		300 VILAS	ATHENS, NY 11040
<b>Vaccine</b>	<b>Recmd Day</b>	<b>Immunization Dates</b>	
HepB	05/15/2005		
HPV	11/15/2014	1) 05/15/2014 (PD) 2) 05/15/2014	
Influenza	08/01/2017		
Mening	05/15/2016		
MMR	05/15/2006		
Polio	07/15/2005		
Td/Tdap	05/15/2012		
Varicella	05/15/2018		
SHARON F FORBES - 01/01/1958		499 WALTON DRIVE	CHEEKTOWAGA, NY 14225
<b>Vaccine</b>	<b>Recmd Day</b>	<b>Immunization Dates</b>	
Influenza	08/01/2017		
MMR	05/21/2005	1) 04/23/2005	
Td/Tdap	01/01/1965		
Varicella	05/21/2005	1) 01/01/1959	
Zoster	01/01/2008		
LOIS ANNE ISAACS - 09/26/2004		855 DRAKE	MARION, NY 11213
<b>Vaccine</b>	<b>Recmd Day</b>	<b>Immunization Dates</b>	
DTP/aP	Max Age Exceeded		
HepB	01/02/2018	1) 11/05/2013 (NV) 2) 06/25/2015 (NV) 3) 12/05/2017	
Hib	Max Age Exceeded	1) 12/05/2017 (NV)	
HPV	09/26/2015		
Influenza	08/01/2018	1) 11/05/2013 2) 11/08/2013 (NV) 3) 02/01/2018	
Mening	09/26/2015		
MMR	Complete	1) 09/26/2005 2) 01/01/2018	
Polio	12/25/2015	1) 11/05/2013 2) 06/25/2015	
Td/Tdap	12/25/2015	1) 11/05/2013 2) 06/25/2015	
Varicella	01/29/2018	1) 11/08/2013	

# Vaccine Supplies

- Assess patients due or overdue for vaccines
- Plan for increased vaccine needs as patients catch up on missing doses
- Order enough vaccine for a 2-3 month supply
- If ordering more VFC vaccine than usual
  - Call the NYS VFC program at 1-800-543-7468, and
  - Make a note in the comments section of your order explaining the need for additional vaccine



# Simultaneous Administration

- The CDC, AAP and AAFP all recommend simultaneous administration of all vaccines for which a patient is eligible at the time of a visit
- Safe, effective, maximizes protection and minimizes missed opportunities to vaccinate
- Combination vaccines can reduce the numbers of shots needed, improve immunization coverage and reduce healthcare costs

# Minimize Barriers to Access

- By-appointment vaccine-only clinics for patients who only need vaccines or to complement telemedicine well child visits
- Weekend and extended hours clinics improve convenience and accessibility for parents

# Report to NYSIIS or the CIR

- All vaccines given to children less than 19 years of age must be reported to NYSIIS (outside of NYC) or the Citywide Immunization Registry (inside NYC)
- Vaccines administered to adults may be voluntarily reported to NYSIIS or the CIR, with the patient's consent
- NYSIIS and the CIR are comprehensive lifetime vaccine records that may be accessed by any NYS healthcare provider treating your patient now or in the future
- Critical for continuity of care

# Standards for Adult Immunization Practice

- **Assess** immunization status at every clinical encounter
- Strongly **recommend** needed vaccinations
- **Administer** needed vaccinations or **Refer**
- **Document** vaccines received by your patients

# Contact Information

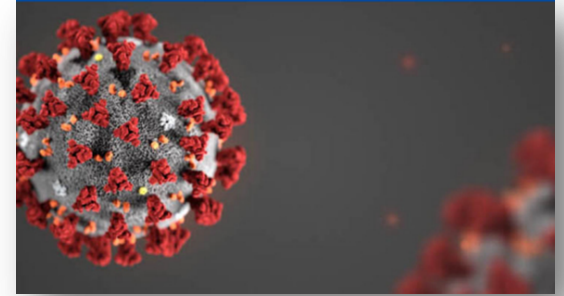
- NYSDOH Bureau of Immunization (518) 473-4437 or [immunize@health.ny.gov](mailto:immunize@health.ny.gov)
- NYSIIS Help Desk 1-866-389-0371 or [nysiis@health.ny.gov](mailto:nysiis@health.ny.gov)

**Marcus Friedrich, MD, MHCM, MBA, FACP**  
**Chief Medical Officer, Office of Quality and**  
**Patient Safety**  
**NYSDOH**



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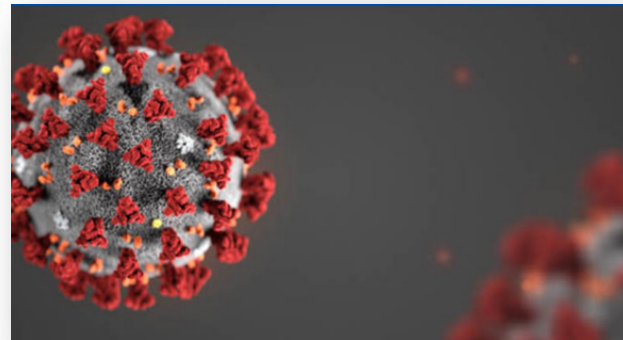
# COVID-19 Healthcare Capacity and Response



- Travel Advisory in Healthcare
- Encouraging Access to Healthcare



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# **Quick Tips for Clinician Wellbeing in The Era of COVID-19**

**July 2, 2020**

**Louis S. Snitkoff, MD, FACP  
Immediate Past-President  
American College of Physicians, NY Chapter**



# **Healthcare Provider Wellness Webinar Next Week**

## **Supporting Well-Being in COVID and Beyond**

**Thursday July 9<sup>th</sup> 1-2PM**

**Call in: 844-512-2950**

**Access code: 2395356**



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# Healthcare Provider/Physician Wellness

- The state is partnering with the Kate Spade New York Foundation and Crisis Text Line to provide a 24/7 emotional support service for frontline healthcare workers
- Text NYFRONTLINE to 741-741 to access these emotional support services
- New York State-regulated health insurers will be required to waive cost-sharing, including deductibles, copayments and coinsurance, for in-network mental health services for frontline essential workers during COVID-19

## Mental Health Resources

- **NYS Mental Health Helpline**

**1-844-863-9314**

- The helpline is staffed by specially trained volunteers, including mental health professionals, who have received training in crisis counseling related to mental health consequences of infectious disease outbreaks, typical stress reactions, anxiety management, coping skills, and telephonic counseling



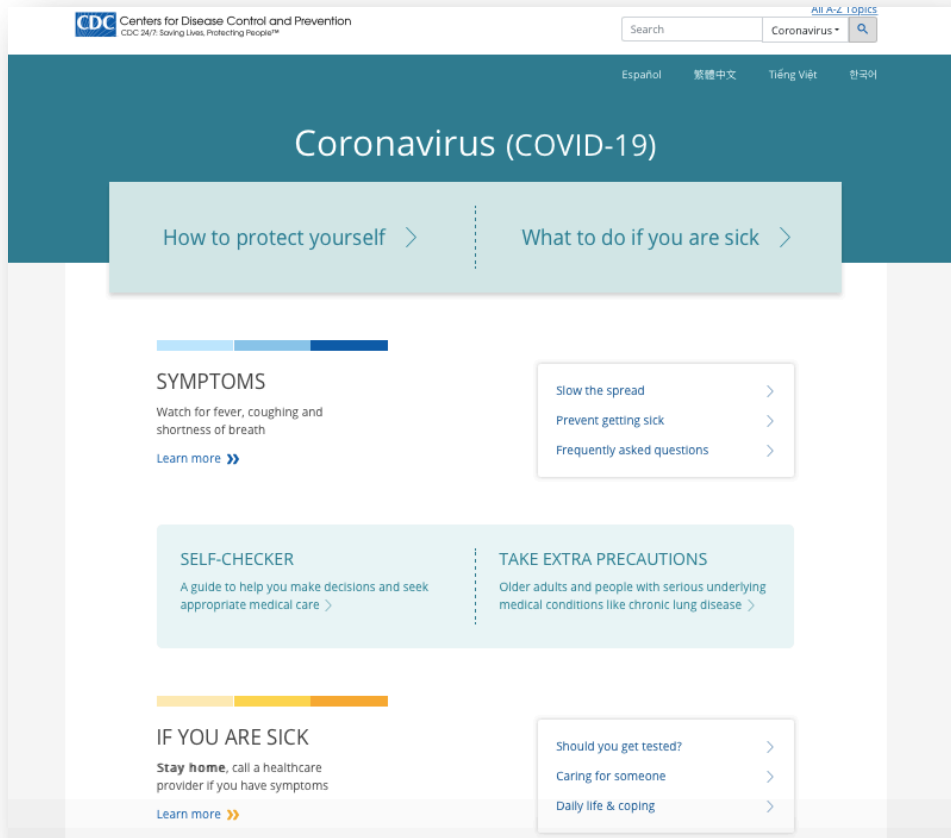
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# Healthcare Provider Well-being Resources

<a href="#"><u>MSSNY</u></a>	<a href="#"><u>AAFP</u></a>
<a href="#"><u>ACP</u></a>	<a href="#"><u>AAP</u></a>
<a href="#"><u>NAM</u></a>	<a href="#"><u>AHRQ well-being</u></a> <a href="#"><u>AHRQ burnout</u></a>
<a href="#"><u>AMA</u></a>	<a href="#"><u>NIH</u></a>
<a href="#"><u>IHI</u></a>	<a href="#"><u>Stanford</u></a>

# COVID-19 Resources

# CDC COVID Website



[www.cdc.gov/coronavirus/2019-ncov/index.html](https://www.cdc.gov/coronavirus/2019-ncov/index.html)



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# NYC DOHMH COVID-19 Webpage

Promoting and Protecting the City's Health

**NYC**  
Health

한국어 ▶ Translate ▼ Text-Size

Home About Our Health Services **Providers** Data Business

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Reporting and Services Health Topics Resources Emergency Prep

[By Disease or Condition](#)

Immunizations

Alcohol and Drug Use

Smoking and Tobacco Use

Sexual and Reproductive Health

Children and Adolescents

Healthy Aging

## Coronavirus Disease 2019 (COVID-19) — Information for Providers

### Daily Syndromic and Case Data Update

The following documents provide information about people confirmed to have COVID-19 in NYC. They will be updated each weekday morning.

The total number of positive cases in the city are updated continuously. This update reflects data as of the previous day at 6 p.m. Due to public health guidance that people with mild illness stay home and not get tested, these data may not reflect the true number of positive COVID-19 cases in NYC and may overrepresent the volume of hospitalized cases.

*As of March 18, 6 p.m.:*

- [COVID-19 Daily Case Data Summary](#) (PDF)
- [NYC Flu-like Illness Data 2016-Current](#) (PDF)



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# Mental Health Resources



Services News Government Local

Office of Mental Health

About OMH Consumers & Families Behavioral Health Providers Employment

## Guidance Documents

As defined in section 202-e of the State Administrative Procedure Act, a guidance document is any guideline, memorandum or similar document, prepared by an agency, that provides general information or guidance to assist regulated parties in complying with any statute, rule or other legal requirement. The term does not include documents that concern only the internal management of the agency, such as a policy that applies only to an OMH operated facility or program.

Current OMH Guidance Documents:

### Guidance on COVID-19

- [OMH Psychiatric Center Visitor Restriction Guidance](#) 📄 (3/14/2020)
- [COVID-19 Guidance for Children's Waiver Service Providers](#) 📄 (3/14/2020)
- [DOH Medicaid Updates – Special Editions](#)
- [COVID-19 Guidance for Health Homes](#) 📄 (3/14/2020)
- [Provider Memo – Maintaining Continuity of Operations Plans and Reporting Disruptions in Services](#) 📄 (3/13/2020)
- [Guidance for NYS Behavioral Health Programs](#) 📄 (3/11/2020)
- [Interim Guidance for Cleaning and Disinfection of Public and Private Facilities for COVID-19](#) 📄
- [Interim Guidance for Large Gatherings and Public Spaces During the COVID-19 Outbreak](#) 📄
- [OMH Guidance for Managing Stress and Anxiety During the COVID-19 Outbreak](#) 📄

### COVID-19 Telemental Health Guidance

- [Supplemental Guidance – Use of Telehealth for People Served by OMH Licensed or Designated Programs Affected by the Disaster Emergency](#) 📄 (REVISED – 3/17/2020)
- [Self-Attestation of Compliance to Offer Telemental Health Services](#) 📄 (REVISED - 3/13/2020)
- [DOH Medicaid Update Special Edition: COVID-19 Telephonic Communication Services](#) 📄
- [OASAS Telepractice Waiver Update](#) 📄
- [Interim Guidance Regarding the Delivery of Services Through the Use of Telehealth Modalities in Facilities Certified or Operated by OPWDD](#) 📄
- [Use of Telemental Health for People Affected by the Disaster Emergency](#) 📄 (3/11/2020)

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- For everyone
- For individuals receiving mental health services
- For parents
- For caregivers of older adults
- For mental health providers

March 16, 2020

Office of  
Mental Health

## Feeling Stressed About Coronavirus (COVID-19)?

### Managing Anxiety in an Anxiety-Provoking Situation

The outbreak of COVID-19 around the world has led to the spread of fear and panic for individuals and communities. In addition to following physical precautions guidelines, individuals should be taking care of their psychological well-being.

#### This guide includes tips for the following populations:

- For Everyone
- For Individuals Receiving Mental Health Services
- For Parents, Including Parents of Children with Pre-Existing Anxiety Disorders
- For Caregivers of Older Adults
- For Mental Health Providers

#### For Everyone:

- Reduce anxiety by reducing risk. Ways to reduce risk include practicing good hygiene (e.g.

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# NYS Medicaid Telehealth Updates and Guidance

[NYSDOH COVID-19 Guidance for Medicaid Providers website](#)

- **Webinar:** New York State Medicaid Guidance Regarding Telehealth, Including Telephonic, Services During the COVID-19 Emergency - **5.5.2020**
  - [Slides](#) (PDF)
  - Recording *Coming Soon*
- **Frequently Asked Questions (FAQs)** on Medicaid Telehealth Guidance during the Coronavirus Disease 2019 (COVID-19) State of Emergency - [\(Web\)](#) - [\(PDF\)](#) - **Updated 5.1.2020**

# Telehealth Guidance

- **American College of Physicians Telehealth Resource:**

[www.acponline.org/practice-resources/business-resources/health-information-technology/telehealth](http://www.acponline.org/practice-resources/business-resources/health-information-technology/telehealth)

- **CDC Outpatient and Ambulatory Care Setting Guidance:**

[www.cdc.gov/coronavirus/2019-ncov/hcp/ambulatory-care-settings.html](http://www.cdc.gov/coronavirus/2019-ncov/hcp/ambulatory-care-settings.html)

- **Medicaid:**

[www.health.ny.gov/health\\_care/medicaid/program/update/2020/](http://www.health.ny.gov/health_care/medicaid/program/update/2020/)

**COVID-19 Weekly Healthcare Provider Update Compilation:  
As of June 17, 2020, 9:00 AM**

*The information in this compilation is current only as of the above date and time.*

**Purpose:** The purpose of this weekly publication is to provide healthcare providers in New York State with a consolidated update of guidance released by the New York State Department of Health (NYSDOH) related to the COVID-19 pandemic response. This will show only current guidance for any given topic and will be updated to reflect new guidance.

As a reminder, all advisories and informational messages (including webinar invitations) are distributed through the Integrated Health Alerting Network System (IHANS), an application housed on the [Health Commerce System \(HCS\)](#). If you are not receiving IHANS notifications, please work with your site's HCS coordinator. Additional COVID-19 resources may be found on the NYSDOH webpage under [Information for Healthcare Providers](#).

Recordings of COVID-19 [Weekly Healthcare Provider Updates](#) are also available on the NYSDOH webpage.

Guidance/Health Advisory Topic	Link(s)	Date
Testing/ Specimen Collection	<a href="#">Additional Capacity Guidance (Collection, triage, treatment)</a>	3/19/20
	<a href="#">Specimen Collection and Handling to Allow NP and Saliva Specimen</a>	4/01/20
	<a href="#">Wadsworth Specimen Collection, Handling and Transport</a>	4/01/20
	<a href="#">Updated Infectious Disease Requisition Form</a>	4/09/20
	<a href="#">Updated Infectious Disease Requisition Guidance</a>	4/09/20
	<a href="#">Private Practice Collection Guidance</a>	4/19/20
	<a href="#">The NYSDOH Wadsworth Center's Assay for SARS-CoV-2 IgG FAQ</a>	4/20/20
	<a href="#">Serology Testing</a>	4/30/20
	<a href="#">Specimen Collection Training for Unlicensed Individuals</a>	5/15/20
	<a href="#">Authorization of Licensed Pharmacists to Order COVID-19 Tests</a>	5/15/20
	<a href="#">SARS-CoV-2 Diagnostic Testing FAQ</a>	5/15/20
	<a href="#">COVID-19 Testing Next Steps</a>	5/12/20
Infection Control and PPE	<a href="#">Protocol for COVID-19 Testing Applicable to All Health Care Providers and LHDs</a>	5/31/20
	<a href="#">Requests for PPE should go through your county OEM</a>	3/23/20
	<a href="#">PPE Shortage Guidance</a>	4/02/20
	<a href="#">Optimizing PPE (CDC)</a>	4/22/20
Quarantine/ Isolation	<a href="#">Infection Control Guidance (CDC)</a>	4/24/20
	Guidance for <a href="#">Local Health Departments</a> highlighting definitions and situations for quarantine and isolation.	4/07/20
	<a href="#">Precautionary Quarantine, Mandatory Quarantine, and Isolation</a>	4/16/20
	<a href="#">Discontinuation of Isolation for Patients with COVID-19 who are Hospitalized, in Nursing Homes, or in Other Congregate Settings</a>	4/19/20

# HCP Compilation (Week of June 17th)

For questions, contact  
[covidproviderinfo@health.ny.gov](mailto:covidproviderinfo@health.ny.gov)

## [NYSDOH COVID-19 Weekly HCP Update Compilation](#)

For questions about this document please contact [covidproviderinfo@health.ny.gov](mailto:covidproviderinfo@health.ny.gov)



**Department  
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# [NYSDOH COVID-19 Website](#)

[Services](#)[News](#)[Government](#)[Local](#)[Q Search](#)[Department of Health](#)[Individuals/Families](#)[Providers/Professionals](#)[Health Facilities](#)[Have a Question? Call the Novel Coronavirus Hotline 24/7 at 1-888-364-3065](#)[Information for Providers](#)

## Novel Coronavirus (COVID-19)

Last Updated: March 17, 2020 at 8:15 PM

### Protect Yourself and Your Family

Stay home and Keep a Safe Distance from others in public. It's the only way to help slow the spread of Coronavirus.

[▶ WATCH VIDEO](#)[SYMPTOMS](#)

## PROTECTING THE PUBLIC HEALTH OF ALL NEW YORKERS

Mandatory and  
Precautionary Quarantine

Mass Gatherings

Healthcare Providers

Nursing Homes

Schools

Childcare Providers

Employees & Employers

Insurance

Voting

International Travel

Cyber Security

Price Gouging



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### Symptoms

The 2019 novel coronavirus may cause mild to severe respiratory symptoms.

▶ WHAT TO LOOK FOR



### COVID-19 Testing

Learn more about testing protocol now that the FDA has approved New York to begin its own testing.

OVERVIEW ▶

MOBILE TESTING ▶

PROTOCOL FOR TESTING ▶

▶ LEARN MORE



### Know Your Rights

The health and safety of New Yorkers is the top priority, co-pays for telehealth visits have been waived.

TESTING ▶

INSURANCE ▶

UNEMPLOYMENT ▶

▶ LEARN MORE

# NYS Specimen Collection Sites - COVID-19 Testing

- [NYSDOH Find Test Site Near You Website](#)
    - NYS specimen collection sites, healthcare settings, pharmacies, and other
    - More than 800 specimen collection or testing sites have been identified
  - For the NYS specimen collection sites:
    - Call the New York State COVID-19 Hotline at 1-888-364-3065
- OR
- Visit the NYSDOH website [www.covid19screening.health.ny.gov](https://www.covid19screening.health.ny.gov) to be screened for eligibility, and if eligible, have an appointment set up at one of the State's testing sites

Interested in being tested for COVID-19? Use this screening tool to share your symptoms and pre-register for testing.

START ASSESSMENT

Get information on coronavirus testing near you. Simply enter your address and find locations that provide coronavirus testing.

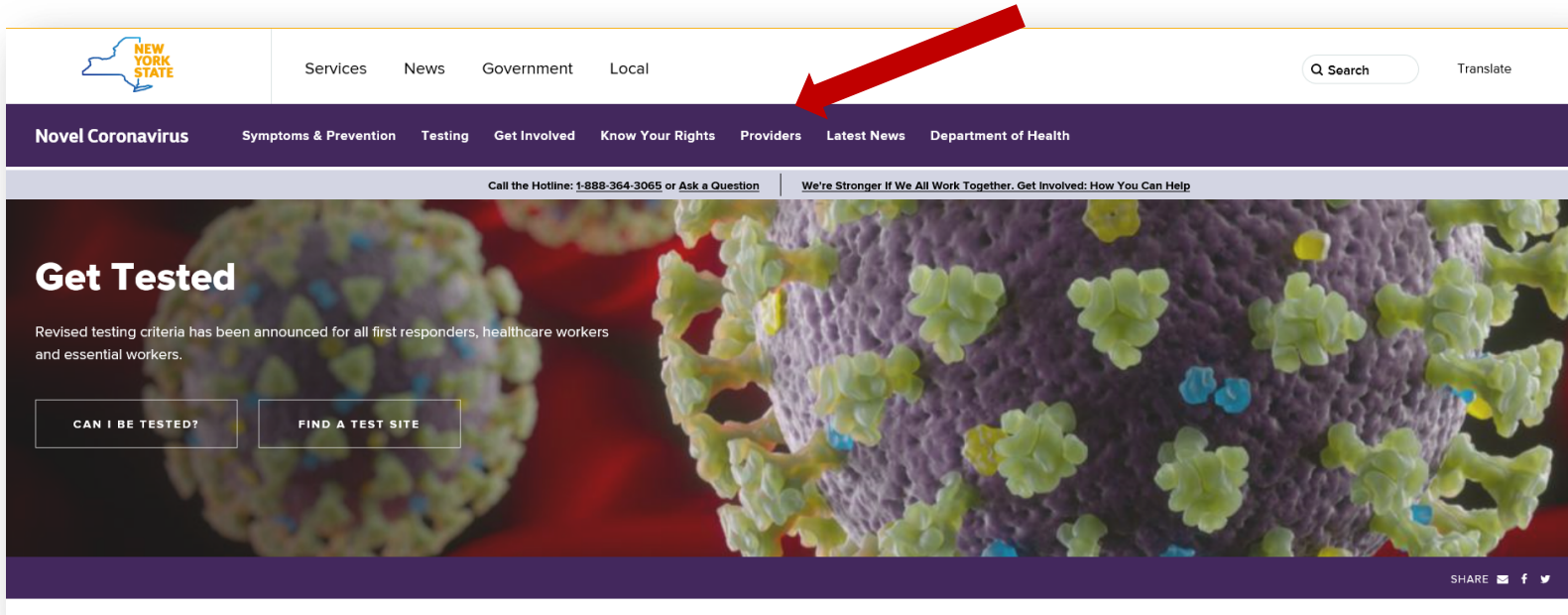
FIND A TEST SITE NEAR YOU



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# NYSDOH COVID-19 Website



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# Resources



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# Mirror Clings



To order mirror clings for public use email the NYSDOH: [bmcc@health.ny.gov](mailto:bmcc@health.ny.gov)

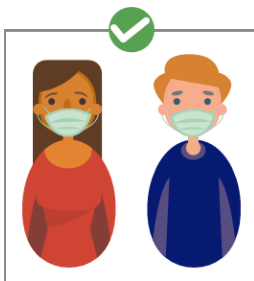
# Mirror Clings

To order mirror clings for public use email the NYSDOH:

[bmcc@health.ny.gov](mailto:bmcc@health.ny.gov)



# Face Masks and Coverings for COVID-19



- You must wear a face mask or face covering in public when social distancing (staying at least 6 feet apart) is not possible, unless a face covering is not medically tolerated. This includes on public transport, in stores and on crowded sidewalks.
- Children over 2 years of age should wear a face mask in public, too. Children under 2 years of age should NOT wear face coverings for safety reasons.
- Cloth face coverings should be made from fabric you can't see through when held up to the light. They must be cleaned before reusing.
- Disposable paper face masks should be used for one outing outside the home. They cannot be properly cleaned.
- The best way to prevent COVID-19 is to continue social distancing (staying at least 6 feet away from others), **even when wearing a face covering.**

## Putting On Face Covering

- **DO** clean your hands with soap and water or if that's not available, alcohol-based hand sanitizer, before putting on your face covering.
- Make sure the face covering covers both your nose and mouth.
- **DON'T** wear your mask hanging under your nose or mouth or around your neck. You won't get the protection you need.
- **DON'T** wear the face covering on top of your head, or take it off and on repeatedly. Once it is in place, leave the covering in place until you are no longer in public.

## Taking Off Face Covering

- **DO** clean your hands with soap and water or if that's not available, alcohol-based hand sanitizer, before taking off your face covering.
- Remove your mask only touching the straps.
- Discard the face covering if it is disposable. If you are reusing (cloth), place it in a paper bag or plastic bag for later.
- Wash your hands again.
- When cleaning a cloth face covering, **DO** put in the washer (preferably on the hot water setting).
- Dry in dryer at high heat. When it is clean and dry, place in a clean paper or plastic bag for later use. If you live in a household with many people, you might want to label the bags with names so the face coverings are not mixed up.

#### FILTER

- Health Advisories
- Webinars
- Printable Materials
- Guidance

## ATTENTION ALL PATIENTS



If you have

fever



cough



trouble  
breathing



- Call this number \_\_\_\_\_.
- Tell them your symptoms.
- Ask where you should go and what you should do.
- Put on a mask before going inside.

## ATTENTION ALL VISITORS



**NO VISITORS  
ARE ALLOWED  
AT THIS TIME**

If you feel there is an urgent need for visitation,  
please contact \_\_\_\_\_.

**DO NOT VISIT**

## COVID-19 Symptom Check

I am deaf or hard of hearing. I am using this card to communicate.

I may need a certified sign language interpreter, captioning or other ways to communicate.

I have circled the best ways to communicate with you.



Interpreter



Text



Writing



Lip Read



Gesture



Assistive  
Listening Device

### Quick Communication

Some questions may be answered  
by pointing to yes, no, don't know.

YES

NO

DON'T  
KNOW

### THIS IS MY LEVEL OF PAIN:



No  
Pain



Mild  
Pain



Moderate  
Pain



Severe  
Pain



Very  
Severe  
Pain



Worst  
Possible  
Pain

### THESE ARE MY SYMPTOMS:



Fever



Cough



Shortness  
of Breath



Sore  
Throat



Lost Sense  
of Taste/Smell



Muscle  
Aches



Chills



Headache

OTHER SYMPTOMS I HAVE: \_\_\_\_\_

### I HAVE HAD SYMPTOMS THIS MANY DAYS:

1

2

3

4

5

6

7

8

9

10

11

12

13

14

I HAVE HAD CLOSE CONTACT WITH SOMEONE  
(within 6 feet) WHO HAS COVID-19:

Yes

No

Unsure

# COVID-19 Testing Next Steps

You are being tested for a virus that causes COVID-19. If you have symptoms of the disease, or if you have been in contact with someone who is infected, you will be asked to stay apart from others. This is also called isolation or quarantine. COVID-19 spreads easily. Staying apart helps stop the disease from spreading.

## Symptoms Include:

Fever, cough, difficulty breathing



Other symptoms may include: Chills, muscle aches, headache, sore throat, abdominal pain, vomiting, diarrhea, runny nose, fatigue, wheezing, or new loss of taste or smell.

## You Should Be Isolated If:

- You have symptoms and think you may have been infected with the virus.

## You Should Be Quarantined If:

- You have been in close contact with someone known to have COVID-19, even if you don't have symptoms. Close contact means sharing the same household, direct physical contact, or being within six feet for more than 10 minutes.

See back for more information.

## If You are an Essential Worker:

You can **ONLY** return to work while you wait for your test results if:

- You have your employer's permission to do so.
- You **DO NOT** have symptoms.
- And you have **NOT** had contact with a person known to have COVID-19.

In addition, you must continue to:

- Practice social distancing (stay more than 6 feet from others).
- Use appropriate personal protective equipment (PPE).
- Wear a mask when less than 6 feet away from others in public.
- Take your temperature and monitor your symptoms daily.

## How to Isolate or Quarantine:



Stay home, except to visit a doctor.



If you must see a doctor, call ahead and avoid using public transport such as subways, buses, taxis.



Don't have visitors.



Separate yourself in a room that is not shared with others. Stay at least 6 feet away from others at all times.



Use a separate bathroom, if possible, and disinfect after each use.



Arrange for food, medicine, and other supplies to be left at your door.



Cover your coughs and sneezes. Throw away used tissues. Bag your trash and leave outside your door.



Don't touch pets.



Arrange for others to care for your children, if possible.



Wear a face mask if you must be around others.



Wash your hands often with soap and water for 20 seconds each time, or if unavailable, use hand sanitizer with at least 60% alcohol.

## Test Results

You will be contacted with your results.

**If you test positive on a diagnostic test** for the virus, you must continue isolation. You will get a call from a public health representative to identify any contacts you have had.

**If you test negative**, but you have been in close contact with a person known to have been infected, you must still continue quarantine until 14 days have passed from your last contact with a person known to have COVID-19. Even though you may feel well now, you are at risk of getting the disease and you may get sick. It can take up to 14 days to get the disease.

Your local health department can help you determine when it is safe to stop isolation or quarantine. Find them at [www.nyscho.org/directory](http://www.nyscho.org/directory)

Learn more at [coronavirus.health.ny.gov](http://coronavirus.health.ny.gov)

## Support and Job Assistance

Any New Yorker under a mandatory or precautionary order to stay home may be eligible for job-protected sick leave and compensation. Learn more at <https://coronavirus.health.ny.gov/protecting-public-health-all-new-yorkers#employee>

If you need help caring for yourself or your children while in isolation or quarantine, call your local health department. Find them at [www.nyscho.org/directory](http://www.nyscho.org/directory)

**Stay apart now. Be together later.**



# Contact Tracing Tool

## for People Being Tested for COVID-19

If you test positive for COVID-19, you will get a call from a public health representative to identify any contacts you have had. This form can help you identify your contacts so you will be ready for the call.

**STEP 1**

### Identify date of first symptoms

If you have had symptoms, put the date you first felt sick OR if you have had no symptoms then put your date of testing

SUBTRACT 2 DAYS: \_\_\_\_/\_\_\_\_/\_\_\_\_ = YOUR CONTACT TRACING DATE

**STEP 2**

### Who has been in your house with you since your contact tracing date?

Include people who live in your home, and people who may have visited like friends, a babysitter or anyone else providing in-home services.

	Name of Person	Date Last in Home	Their Phone Number
1			
2			
3			
4			
5			

**STEP 3**

### Make a list of what you did each day since your contact tracing date with as much detail as possible.

Include things like hanging out with neighbors, going to work, running errands, appointments, social or recreational activities outside the house, and if you used public transportation to get there. Use another piece of paper if needed.

Day One: ____/____/____		People you were with		
Activity	Location	Name	Address	Phone Number

Day Two: ____/____/____		People you were with		
Activity	Location	Name	Address	Phone Number

Day Three: ____/____/____		People you were with		
Activity	Location	Name	Address	Phone Number

Day Four: ____/____/____		People you were with		
Activity	Location	Name	Address	Phone Number

To order materials from NYSDOH:

[bmcc@health.ny.gov](mailto:bmcc@health.ny.gov)

Available in Spanish

[NYSDOH Contact Tracing Tool](#)



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# For Their Contacts

To order materials from NYSDOH:  
[bmcc@health.ny.gov](mailto:bmcc@health.ny.gov)

[NYS Contact Tracing Answer the Phone](#)

NEW YORK STATE  **CONTACT TRACING**

You're a part of the solution...  
now answer the phone!

 You've stayed home!

 You're wearing masks!

 Now, answer the phone!

As we battle coronavirus together, tracing exposures to COVID is important to stop the spread.

The NYS Contact Tracing Program works with confirmed positive COVID-19 people to determine who they have been in contact with. Trained specialists reach out to those contacts about possible exposure. If you have been identified as a contact you will get a call from **"NYS Contact Tracing."**

Because the disease can be transmitted without symptoms, notifying people about a possible exposure is critical to stop the spread.

So, if you get a call from **"NYS Contact Tracing"** please answer. It is confidential and private.

**Please Answer the Phone**  
so we can keep NY moving forward  
and stop the spread of COVID-19.

health.ny.gov/coronavirus

13135 5/20



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# NYSDOH COVID-19 Testing Resources

[NYSDOH SARS-CoV-2 Diagnostic Testing](#)

## SARS-CoV-2 Diagnostic Testing



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### What is SARS-CoV-2?

SARS-CoV-2 stands for Severe Acute Respiratory Syndrome Coronavirus Type 2, which is the name of the virus causing the current COVID-19 public health emergency.

### What are the symptoms of COVID-19?

Symptoms of COVID-19 may include fever, cough, shortness of breath or difficulty breathing. Other symptoms have been reported including chills, muscle aches, headache, sore throat, abdominal pain, vomiting, diarrhea, runny nose, fatigue, wheezing, and new loss of taste or smell. Some people with COVID-19 develop symptoms and some do not. Both symptomatic and asymptomatic individuals can transmit COVID-19 to others. Talk to your health care provider if you have any of these symptoms.

### How do I know if I am infected with SARS-CoV-2?

Diagnostic tests detect SARS-CoV-2 in samples collected from your nose or throat. A diagnostic test is the only way to know if you are infected with SARS-CoV-2. These tests can be performed for those with or without symptoms.

### How does the SARS-CoV-2 diagnostic test work?

The test uses a technique called Polymerase Chain Reaction (PCR) to determine if genetic material from the virus is present in the sample collected. If there is no SARS-CoV-2 virus present in the sample, then no genetic material will be detected.

### My report says I have a positive result. What does that mean?

This means you have SARS-CoV-2 (COVID-19). You should consult with your health care provider, who will monitor your symptoms and provide guidance about how your illness should be managed. It is important to understand that, if you are infected with SARS-CoV-2, you may transmit the virus to others. You should follow NYSDOH guidance about isolation and physical distancing.

### My report says I have a negative result. What does that mean?

A negative test result means that SARS-CoV-2 was not detected in your sample. However, a negative result does not guarantee that you are not infected. If you continue to feel unwell or develop symptoms resembling those of COVID-19, you should isolate yourself and ask your health care provider if you should be tested again. If you had close contact with someone known to have COVID-19, you should remain in quarantine for 14 days after exposure, even if you had a negative test result.

### My report says I have an inconclusive or indeterminate result. What does that mean?

This means that the test was not able to determine whether SARS-CoV-2 was or was not present. Talk to your health care provider, as they may decide you should be tested again.

For more information on COVID-19 in NYS go to: <https://health.ny.gov/coronavirus>

New York State Department of Health

5/20



Department  
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ANDREW M. CUOMO  
Governor

HOWARD A. ZUCKER, M.D., J.D.  
Commissioner

SALLY DRESLIN, M.S., R.N.  
Executive Deputy Commissioner

DATE: April 30, 2020  
TO: Clinical Laboratories, Limited Service Labs, Healthcare Providers, Healthcare Facilities, and Local Health Departments  
FROM: NYS Department of Health (Department) Bureau of Surveillance and Data Systems (BSBS)

### Health Advisory: COVID-19 Serology Testing

#### Background

Serological tests for determining the presence of antibodies against SARS-CoV-2 are now available from commercial manufacturers. Serology tests are used to determine if antibodies against SARS-CoV-2 are present. Certain serology tests can look for the general presence of SARS-CoV-2 antibodies, while others can determine if specific types of SARS-CoV-2 antibodies, such as IgM and/or IgG, are present.

#### FDA and Serological Testing

The US Food and Drug Administration (FDA) is allowing commercial manufacturers of COVID-19 serology tests to distribute these tests to laboratories once they notify the FDA that they have validated their test. A list of manufacturers that have notified the FDA can be found at <https://www.fda.gov/medical-devices/emergency-situations-medical-devices/flags-diagnostic-testing-sars-cov-2>.

Although there are manufacturers that have notified the FDA that their tests have been validated, and the FDA has approved the distribution of the tests, the data demonstrating the accuracy and reliability of the tests has not been reviewed by the FDA. In addition, these tests have not necessarily been granted approval under the FDA's Emergency Use Authorization (EUA) process. Tests being distributed prior to the approval under the FDA's EUA process can only be performed by laboratories approved to conduct high complexity testing. These tests are not considered waived and, therefore, cannot be used at the point of care.

Laboratories using COVID-19 serological tests from these commercial manufacturers are required to include specific disclaimers when issuing test results, including the following:

- This test has not been reviewed by the FDA.
- Negative results do not rule out SARS-CoV-2 infection, particularly in those who have been in recent contact with the virus. Follow-up testing with a molecular diagnostic test should be considered to rule out infection in these individuals.
- Results from antibody testing should not be used as the sole basis to diagnose or exclude SARS-CoV-2 infection, or to inform infection status.
- Positive results may be due to past or present infection with non-SARS-CoV-2 coronavirus strains, such as coronavirus HKU1, NL63, OC43, or 229E.

Empire State Plaza, Corning Tower, Albany, NY 12237 | [health.ny.gov](https://health.ny.gov)

[NYSDOH Health Advisory on COVID-19 Serologic Assays](#)



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If you lost your job or health coverage, or are uninsured, we have you covered



Enroll Today



## Individuals & Families

You and your family have many low cost, quality health insurance options available through the Individual Marketplace.

You can quickly compare health plan options and apply for assistance that could lower the cost of your health coverage. You may also qualify for health care coverage from Medicaid or Child Health Plus through the Marketplace. Anyone can apply here.

GET STARTED

Get In-Person Help

Compare Plans and Estimate Cost

Search by Health Plan, Provider, or Facility

Chat Now

1

Create an Account.

2

Tell us about yourself and your family.

3

Choose a health insurance plan.

- New Yorkers without health insurance can apply through NY State of Health through **July 15<sup>th</sup>, 2020**
- Must apply within 60 days of losing coverage



Department of Health

## Questions or Concerns

- Call the local health department [www.health.ny.gov/contact/contact\\_information/](http://www.health.ny.gov/contact/contact_information/)
- In New York City: Notify the NYC DOHMH provider access line (PAL)
  - 1-866-NYC-DOH1 or 1-866-692-3641 (works 24 hours/day x 7 days/week)
- Providers who are unable to reach the LHD can contact the NYSDOH Bureau of Communicable Disease Control at **518-473-4439** during business hours or the NYSDOH Public Health Duty Officer at **1-866-881-2809** evenings, weekends, and holidays

# QUESTIONS ?

## TO NYS' HEALTHCARE PROVIDERS

## THANK YOU!



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